

IDENTIFICATION DIVISION.
PROGRAM-ID. MAT10.
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* program za unosenje promena u magacinima. *
* za cuvanje podataka sluzi relativna datoteka koja se *
* kreira FORTRAN programom MAT62. *

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
SOURCE-COMPUTER. HIS-SERIES-60.
OBJECT-COMPUTER. HIS-SERIES-60.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT KONFIG ASSIGN TO A0-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS K-INTERNO-IME.
SELECT MAGACX ASSIGN TO A1-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MA-BROJ-MAGACINA.
SELECT MANOMX ASSIGN TO A2-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MN-NOMENKLATURA.
SELECT MAVPX ASSIGN TO A3-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS VP-KLJUC.
SELECT KONTOX ASSIGN TO A8-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS KO-KONTO.
SELECT ORG88X ASSIGN TO B0-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS OR-KLS.
SELECT MAGRADX ASSIGN TO C5-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MG-GRADILISTA.
SELECT MASINX ASSIGN TO B6-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MS-BROJ-MASINA.
SELECT KUGOX ASSIGN TO D1-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS KU-SIF.
SELECT MATUNOS ASSIGN TO D5-MSD
ORGANIZATION IS RELATIVE WITH VLR
ACCESS MODE IS RANDOM
RELATIVE KEY IS REL-KEY
FILE STATUS IS FILE-STAT.
SELECT MAPON ASSIGN TO E0-MSD
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MP-PONUDA.

DATA DIVISION.
FILE SECTION.
COPY KONFIG.
COPY MAGACX.
COPY MANOMX.
COPY MAVPX.
COPY KONTOX.
COPY ORG88X.
COPY MAGRADX.

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COPY MASINX.
COPY KUGOX.
COPY MATUNOS.
COPY MAPON.
WORKING-STORAGE SECTION.
77 PATHNAME                PIC X(12).
77 MOD                      PIC X.
*   'C'  -> Otvaranje i/ili kreiranje (create)
*   'E'  -> Zatvaranje datoteke (end)
77 STAT                    COMP-1.
01 VTCRB.
COPY VTCRB.
    88 CTRL-B              VALUE "3D02".
*   88 OK                  VALUE "0000".
01 VTIRB.
COPY VTIRB.
01 SLOG-ZA-GET.
    02 WS-STAT             COMP-1.
    02 FILLER              COMP-1.
    02 FILLER              COMP-1 VALUE 9.
    02 FILLER              PIC X(12) VALUE "MAGACX      ".
    02 FILLER              PIC X(12) VALUE "MANOM       ".
    02 FILLER              PIC X(12) VALUE "MAVPX       ".
    02 FILLER              PIC X(12) VALUE "KONTOX      ".
    02 FILLER              PIC X(12) VALUE "ORKLS       ".
    02 FILLER              PIC X(12) VALUE "MAGRADX     ".
    02 FILLER              PIC X(12) VALUE "MASBROJ     ".
    02 FILLER              PIC X(12) VALUE "KUSIF       ".
    02 FILLER              PIC X(12) VALUE "MAPON       ".
01 HDS-STAT                PIC XX.
01 MESSAGE-FIELD          PIC X(7) VALUE "PORUKA.".
01 UZENET                 PIC X(50) VALUE SPACES.
01 VALASZ                 PIC X   VALUE SPACES.
01 MASK-NAME              PIC X(8) VALUE "MAT10  ".
01 ORD-NUM                PIC X(6) VALUE "REDNI.".
01 POSTA                  PIC X(50) VALUE SPACES.
01 RESTORE-TOTAL          PIC S9(12)V999 SIGN IS LEADING
                           SEPARATE VALUE ZEROS.
01 L-FIELD.
    02 FILLER              PIC X(5) VALUE "FIELD".
    02 I                   PIC 99.
    02 FILLER              PIC X   VALUE ". ".
01 RIGHT-FIELDS.
    02 FILLER PIC X(29) VALUE "VRSTA BROJDOK DAN MESEC2 GOD ".
    02 FILLER PIC X(30) VALUE "VRSTAPROM BRISANJE GRADILISTE ".
    02 FILLER PIC X(28) VALUE "OBJED REKAPITULAC DRUGKONTO ".
    02 FILLER PIC X(11) VALUE "DRUGIMAGAC.".
01 PC-FIELD PIC X(18) VALUE "PLANSKAE PLANSKAT.".
01 DOWN-FIELDS.
    02 FILLER PIC X(24) VALUE "NOMENKLATURA ULAZ IZLAZ ".
    02 FILLER PIC X(27) VALUE "PLANSKAE PLANSKAT NABAVNAE ".
    02 FILLER PIC X(10) VALUE "NABAVNAT.".
01 SOME-FIELDS.
    02 FILLER PIC X(30) VALUE "REDNI NOMENKLATURA ULAZ IZLAZ ".
    02 FILLER PIC X(27) VALUE "PLANSKAE PLANSKAT NABAVNAE ".
    02 FILLER PIC X(10) VALUE "NABAVNAT.".
01 FIELD-OF-PROMENA       PIC X(10) VALUE "VRSTAPROM.".
01 REL-KEY                COMP-1.
01 FILE-STAT              COMP-1.
01 LAST-REL-KEY           COMP-1.
01 MEM-REL-KEY            COMP-1.
01 ALL-BUFFER             PIC X(250) VALUE SPACES.
01 HELP-MASK              PIC X(8) VALUE "MAT10-2 ".
01 HELP-MEZO              PIC X(4) VALUE "HHH.".
01 CONVERTED-FIELD        PIC X(4).
01 PROGRAM-SWITCH         PIC X   VALUE "0".
    88 END-OF-JOB          VALUE "1".
    88 END-OF-PROCEDURE    VALUE "1" THRU "2".

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01 MOD-OF-JOB          PIC 9    VALUE 1.
    88 ENTRY-MOD      VALUE 1.
    88 MODIFY-MOD     VALUE 2 THRU 3.
    88 DELETE-MOD     VALUE 3.
01 BOKKENO            PIC 9    VALUE ZEROS.
01 MEM-REDNI-BROJ     PIC 99   VALUE ZEROS.
01 COND              PIC 9    VALUE ZEROS.
01 DEL-COD           PIC 9    VALUE ZEROS.
01 DEL-SZO           PIC X(13) VALUE SPACES.
01 DEL-FIELD         PIC X(4)  VALUE "DEL.".
01 RESTORE-SWITCH    PIC 9    VALUE ZEROS.
01 NEW-FILE          PIC 9    VALUE ZEROS.
*   (0) -> Upisivanje u novi file
*   (1) -> Upisivanje u postojeći file
01 FIRM-B            PIC 99.
    88 U-REDU        VALUE 1 THRU 10.
01 KONTO-B.
    02 KONTO-B-1      PIC 9(6)  VALUE ZEROS.
01 MAGACIN-B.
    02 MAGACIN-1      PIC 999   VALUE ZEROS.
    02 MAGACIN-2      PIC 99   VALUE ZEROS.
    02 MAGACIN-3      PIC 9    VALUE ZEROS.
01 MESEC-B          PIC 99   VALUE ZEROS.
01 A-RBR-B          PIC X    VALUE SPACES.
01 ZBIR-B           PIC S9(12)V999
                    SIGN IS LEADING SEPARATE
                    VALUE ZEROS.
01 FIRST-HEADER     PIC X(10) VALUE "0103050912".
01 ELSO-FEJLEC REDEFINES FIRST-HEADER.
    02 ELSO-MEZOK OCCURS 5 TIMES.
    03 FIRST-FIELDS PIC XX.
01 FIRST-INDEX      PIC 9    VALUE ZEROS.
01 REDNI-BROJ-B     PIC 99   VALUE ZEROS.
01 NOMENKLATURA-B   PIC X(8)  VALUE SPACES.
01 KOL-ULAZ-B       PIC S9(6)V999 VALUE ZEROS
                    SIGN IS LEADING SEPARATE.
01 KOL-IZLAZ-B      PIC S9(6)V999 VALUE ZEROS
                    SIGN IS LEADING SEPARATE.
01 GRADILISTE-HELP.
    02 GRADILISTE-ELSO PIC X    VALUE SPACES.
    02 GRADILISTE-MASODIK PIC X(5) VALUE SPACES.
01 MASTER-GRADILISTE.
    02 MASTER-ELSO    PIC XX   VALUE ZEROS.
    02 MASTER-MASODIK PIC XXXX VALUE ZEROS.
01 PLANSKA-CENA-B.
    02 PLANSKA-CENA-CEO-B PIC 9(8) VALUE ZEROS.
    02 PLANSKA-CENA-DEC-B PIC 99   VALUE ZEROS.
01 NABAVNA-CENA-CEO-B PIC 9(8) VALUE ZEROS.
01 NABAVNA-CENA-DEC-B PIC 99   VALUE ZEROS.
01 VRSTA-DOKUMENTA-B PIC 9    VALUE ZEROS.
01 BROJ-DOKUMENTA-B  PIC 9(4)  VALUE ZEROS.
01 DATUM-DOKUMENTA-DD PIC 99   VALUE ZEROS.
01 DATUM-DOKUMENTA-MM PIC 99   VALUE ZEROS.
01 DATUM-DOKUMENTA-GG PIC 99   VALUE ZEROS.
01 VRSTA-PROMENE-B   PIC 99   VALUE ZEROS.
01 BRISANJE-B        PIC 9    VALUE ZEROS.
01 GRADILISTE-B      PIC 9(6)  VALUE ZEROS.
01 OBR-JEDINICA-B    PIC 9(7)  VALUE ZEROS.
01 OBR-JED-B REDEFINES OBR-JEDINICA-B.
    02 PRED-B PIC 99.
    02 FILLER PIC 9(5).
01 BR-REKAPITULACIJE-B PIC 9(4)  VALUE ZEROS.
01 DRUGI-KONTO-B     PIC 9(6)  VALUE ZEROS.
01 DRUGI-MAGACIN-B   PIC 9(6)  VALUE ZEROS.
01 TOMB.
    02 FILLER PIC X(34) VALUE "0200060708001100140000001820210000".
    02 FILLER PIC X(34) VALUE "0204060708101100141500001820212425".
    02 FILLER PIC X(34) VALUE "0204060708101113140000001820210000".

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02 FILLER PIC X(34) VALUE "0204060708001100140000191820210000".
02 FILLER PIC X(34) VALUE "0204060708000000140017001820210000".
02 FILLER PIC X(34) VALUE "0204060708101113140000001820210000".
02 FILLER PIC X(34) VALUE "0204060708101100140000001820210000".
02 FILLER PIC X(34) VALUE "0200060708101100140000001820210000".
01 FIELD-TOMB REDEFINES TOMB.
    02 VRSTA-PROMENA OCCURS 8 TIMES.
        03 UNOS-POLJE OCCURS 17 TIMES.
            04 MEZO PIC 99.
01 PROMENA-INDEX PIC 9 VALUE ZEROS.
01 POR-TOMB.
    02 FILLER PIC X(50) VALUE
        "Trazeni konto ne postoji u datoteci" 01".
    02 FILLER PIC X(50) VALUE
        "Trazeni magacin ne postoji u datoteci" 02".
    02 FILLER PIC X(50) VALUE
        "Neuspesno kreiranje i/ili otvaranje datoteke" 03".
    02 FILLER PIC X(50) VALUE
        "Neuspesan prvi zapis" 04".
    02 FILLER PIC X(50) VALUE
        "Datoteka je u ravnotezi,kolicina se ne menja" 05".
    02 FILLER PIC X(50) VALUE
        "Neuspeo prepis prvog rekorda" 06".
    02 FILLER PIC X(50) VALUE
        "Nedozvoljena upotreba funkcionalne dirke" 07".
    02 FILLER PIC X(50) VALUE
        "Brisati?" 08".
    02 FILLER PIC X(50) VALUE
        "Rekord modifikovan" 09".
    02 FILLER PIC X(50) VALUE
        "Vrsi se restauracija datoteke..." 10".
    02 FILLER PIC X(50) VALUE
        "Nomenklatura ne postoji" 11".
    02 FILLER PIC X(50) VALUE
        "Neuspeo opis u datoteku" 12".
    02 FILLER PIC X(50) VALUE
        "Neuspeo prepis sloga" 13".
    02 FILLER PIC X(50) VALUE
        "Neaktivan funkcijski taster" 14".
    02 FILLER PIC X(50) VALUE
        "Stigao si do po$etka datoteke" 15".
    02 FILLER PIC X(50) VALUE
        "Neuspeo $itanje" 16".
    02 FILLER PIC X(50) VALUE
        "Stigao si do kraja datoteke" 17".
    02 FILLER PIC X(50) VALUE
        "Nomenklatura nema plansku cenu" 18".
    02 FILLER PIC X(50) VALUE
        "Nedozvoljena upotreba funkcionalne dirke" 19".
    02 FILLER PIC X(50) VALUE
        "Nepostojeca kombinacija VP i VD" 20".
    02 FILLER PIC X(50) VALUE
        "Trazeno gradiliste ne postoji" 21".
    02 FILLER PIC X(50) VALUE
        "Nepostojeci slog u Masinx_u" 22".
    02 FILLER PIC X(50) VALUE
        "Obracunaska jedinica ne postoji" 23".
    02 FILLER PIC X(50) VALUE
        "nepostojeci slog u Kabevx_u" 24".
    02 FILLER PIC X(50) VALUE
        "Greska kod konta primio" 25".
    02 FILLER PIC X(50) VALUE
        "Greska kod magacina primio" 26".
    02 FILLER PIC X(50) VALUE
        "Nabavna cena ne sme imati vrednost nulu" 27".
    02 FILLER PIC X(50) VALUE
        "Nepostojeci redni broj" 28".
    02 FILLER PIC X(50) VALUE

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"Gradili#te ne sme imati vrednost          29".
02 FILLER PIC X(50) VALUE
"Vrednost mora biti veja od 1979          30".
02 FILLER PIC X(50) VALUE
"Nepostojelji ugovor                      31".
02 FILLER PIC X(50) VALUE
"Nedozvoljena kom. KONTA/VRSTA PR./OBR.JEDINICA 32".
02 FILLER PIC X(50) VALUE
"Gradili#te mora imati vrednost nulu      33".
02 FILLER PIC X(50) VALUE
"Obrašunska jedinica mora imati vrednost nulu 34".
02 FILLER PIC X(50) VALUE
"Rekapitulacija ne sme imati vrednost nulu 35".
02 FILLER PIC X(50) VALUE
"Rekapitulacija mora biti nula           36".
02 FILLER PIC X(50) VALUE
"Nedozvoljena kombinacija KONTA i VRS.PROMENE 37".
02 FILLER PIC X(50) VALUE
"Nabavna cena mora biti nula             38".
02 FILLER PIC X(50) VALUE
"Kolicina ne sme da bude nula            39".
02 FILLER PIC X(50) VALUE
"Nepostojela ponuda ili gradili#te       40".
02 FILLER PIC X(50) VALUE
"Izmenili ste pogon...                    41".
02 FILLER PIC X(50) VALUE
"Unesite broj preduzeja                  42".
01 MESSAGE-TOMB REDEFINES POR-TOMB.
  02 PORUKA PIC X(50) OCCURS 42 TIMES.
01 SEARCH-MESSAGE PIC X(50) VALUE
  "UKUCAJ REDNI BROJ TRAZENOG SLOGA      ".
01 SEARCH-ANSWER PIC XXXX VALUE SPACES JUST RIGHT.
01 SEARCH-KEY REDEFINES SEARCH-ANSWER PIC 9999.
01 GOOD-1 PIC 9 VALUE ZEROS.
01 GOOD-2 PIC 9 VALUE ZEROS.
01 OBR-KAPCSOLO PIC 9 VALUE ZEROS.
01 MESSAGE-NUMBER PIC 99 VALUE ZEROS.
01 KAPCSOLO PIC 9 VALUE ZEROS.
  88 INVAL VALUE 3.
  88 BALANC VALUE 4.
01 STATUSNA-LINIJA PIC X(80) VALUE SPACES.
01 GET-COMMAND PIC X(80) VALUE SPACES.
01 GET-STATUS COMP-1 VALUE ZEROS.

01 COUNTER-FIELD PIC S9(12)V999 SIGN IS LEADING
  SEPARATE VALUE ZEROS.
01 HELP-ULAZ PIC S9(6)V999 SIGN IS LEADING
  SEPARATE VALUE ZEROS.
01 HELP-IZLAZ PIC S9(6)V999 SIGN IS LEADING
  SEPARATE VALUE ZEROS.
01 STAMPARIJA PIC -----9.999.
01 STAMPARIJA-REL-KEY PIC ZZZZZ9.
01 MOD-FIELD PIC X(12) VALUE SPACES.
01 STAT-FIELD PIC X(7) VALUE "PORUKA.".
01 VALTO PIC 9 VALUE ZEROS.
01 K PIC 99 VALUE ZEROS.
PROCEDURE DIVISION.
BEGINNING SECTION.
JOB-STEPS.
  PERFORM INITIALIZATIONS.
  PERFORM WORK UNTIL END-OF-JOB.
  PERFORM RETURN-TO-DOS.
  STOP RUN.

INITIALIZATIONS SECTION.
START-OF-INITIATE.
* CALL "ZNVACT" USING VTCRB VTIRB HDS-STAT.
* IF HDS-STAT = ZEROS

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CALL "ZNVGTF" USING VTCRB MASK-NAME HDS-STAT
IF HDS-STAT = ZEROS
    CALL "ZNVWRF" USING VTCRB HDS-STAT
ELSE
    DISPLAY "GET FORM ERROR"
    MOVE "1" TO PROGRAM-SWITCH.
* ELSE
* DISPLAY "GET TERMINAL CONNECT ERROR"
* MOVE "1" TO PROGRAM-SWITCH.
MOVE ZEROS TO NEW-FILE.
MOVE "GET ^DATA>UJMAT>MCONFILE 10 -ACCESS R -SHARE W "
    TO GET-COMMAND.
CALL "ZXEXCL" USING GET-COMMAND GET-STATUS.
IF GET-STATUS NOT = ZEROS
    DISPLAY "NEUSPEO GET MCONFILE"
    MOVE "1" TO PROGRAM-SWITCH
ELSE
    OPEN INPUT KONFIG
    CALL "GET" USING SLOG-ZA-GET
    IF WS-STAT NOT = ZEROS
        CLOSE KONFIG
        MOVE 1 TO PROGRAM-SWITCH
    ELSE
        OPEN INPUT MAGACX MANOMX MAVPX KUGOX KONTOX
        ORG88X MAGRADX MASINX MAPON.

WORK SECTION.
START-OF-WORK.
    IF NEW-FILE = ZEROS
        MOVE 1 TO FIRST-INDEX
        PERFORM FILE-NEV UNTIL GOOD-1 = 1
        IF PROGRAM-SWITCH = 1 GO WORK-EXIT.
        PERFORM STATUS-SOR.

    IF VALTO = ZEROS
        PERFORM RESET-RIGHT-SIDE IN RUTINOK
        MOVE 1 TO PROMENA-INDEX K
        MOVE MEZO(PROMENA-INDEX , K) TO I
        MOVE 1 TO REDNI-BROJ-B
        PERFORM ORDER-NUMBER-WRITE IN RUTINOK.
    MOVE 1 TO VALTO.
    IF VRSTA-DOKUMENTA-B = 4
        MOVE 17 TO VRSTA-PROMENE-B
    ELSE
        IF VRSTA-DOKUMENTA-B = 5
            MOVE 20 TO VRSTA-PROMENE-B
        ELSE
            IF VRSTA-DOKUMENTA-B = 1
                MOVE 01 TO VRSTA-PROMENE-B.
    IF ((K = 2) AND (VRSTA-DOKUMENTA-B = 4 OR
        VRSTA-DOKUMENTA-B = 5) OR
        (K = 6) AND VRSTA-DOKUMENTA-B = 1)
        PERFORM XFER-PROMENE IN RUTINOK.
    IF K > 17
        PERFORM BUFFER-U-FILE
        MOVE 13 TO K
    ELSE
        MOVE MEZO(PROMENA-INDEX , K) TO I
        PERFORM CIKLUS
        IF NOT OK
            PERFORM FUNKCIJSKI-TASTER
        ELSE
            IF DEL-COD = 1
                NEXT SENTENCE
            ELSE
                IF (K < 13 OR K > 15)
                    IF I NOT = ZEROS

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PERFORM KONTROLA-RESZ-ADATOK
IF INVAL
  PERFORM ERROR-MSG
ELSE
  MOVE VRSTA-DOKUMENTA-B TO PROMENA-INDEX
  ADD 1 TO K
ELSE
  ADD 1 TO K
ELSE
  MOVE 1 TO VALTO
  IF I NOT = ZEROS
    IF K = 13
      PERFORM CITANJE-NOM-IZ-FILE IN RUTINOK
      IF INVAL
        MOVE 11 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
      ELSE
        MOVE ZEROS TO GOOD-2
        PERFORM XFER-PLANSKA-CENA IN RUTINOK
        IF PLANSKA-CENA-B = ZEROS
          MOVE 18 TO MESSAGE-NUMBER
          PERFORM ERROR-MSG
        ELSE
          ADD 1 TO K
    ELSE
      ADD 1 TO K
  ELSE
    ADD 1 TO K.
WORK-EXIT.
EXIT.

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FILE-NEV SECTION.
START-FILE-NEV.
MOVE ZEROS TO KAPCSOLO.
MOVE FIRST-FIELDS(FIRST-INDEX) TO I
PERFORM CITANJE-PRVE-STRANE
IF NOT OK
  IF F8 AND (FIRST-INDEX < 4)
    SUBTRACT 1 FROM FIRST-INDEX
    IF FIRST-INDEX < 1
      MOVE 1 TO FIRST-INDEX
    ELSE
      NEXT SENTENCE
  ELSE
    IF F10
      MOVE 1 TO GOOD-1
      MOVE 1 TO PROGRAM-SWITCH
    ELSE
      MOVE 07 TO MESSAGE-NUMBER
      PERFORM ERROR-MSG
  ELSE
    PERFORM KONTROLA-PRVE-STRANE
    IF INVAL
      NEXT SENTENCE
    ELSE
      ADD 1 TO FIRST-INDEX
      IF FIRST-INDEX > 5
        MOVE 1 TO GOOD-1.

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CITANJE-PRVE-STRANE SECTION.
BEGIN-OF-FIRST-PAGE.
IF FIRST-INDEX = 1
  MOVE "Unesite konto..." TO POSTA

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PERFORM SIGNAL IN RUTINOK
CALL "ZNVRRF" USING VTCRB KONTO-B L-FIELD HDS-STAT
ELSE
IF FIRST-INDEX = 2
MOVE "Unesite magacin..." TO POSTA
PERFORM SIGNAL IN RUTINOK
CALL "ZNVRRF" USING VTCRB MAGACIN-B L-FIELD HDS-STAT
ELSE
IF FIRST-INDEX = 3
MOVE "Unesite mesec knizenja..." TO POSTA
PERFORM SIGNAL IN RUTINOK
CALL "ZNVRRF" USING VTCRB MESEC-B L-FIELD HDS-STAT
ELSE
IF FIRST-INDEX = 4
MOVE "Unesite alfabetsko slovo prema dogovoru..."
TO POSTA
PERFORM SIGNAL IN RUTINOK
CALL "ZNVRRF" USING VTCRB A-RBR-B L-FIELD HDS-STAT
ELSE
PERFORM PRIPREMA-KONTROLNOG-ZBIRA
MOVE "Unesite ošektivani zbir kolicina kao kontrolu.."
TO POSTA
PERFORM SIGNAL IN RUTINOK
CALL "ZNVRRF" USING VTCRB ZBIR-B L-FIELD HDS-STAT.

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KONTROLA-PRVE-STRANE SECTION.
BEGIN-OF-CONTROLS.

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IF FIRST-INDEX = 1
PERFORM KONTROLA-KONTO-B IN RUTINOK
IF INVAL
MOVE 1 TO MESSAGE-NUMBER
PERFORM ERROR-MSG
ELSE
NEXT SENTENCE
ELSE
IF FIRST-INDEX = 2
PERFORM KONTROLA-MAGACIN-B IN RUTINOK
IF INVAL
MOVE 2 TO MESSAGE-NUMBER
PERFORM ERROR-MSG
ELSE
NEXT SENTENCE
ELSE
IF FIRST-INDEX = 3
NEXT SENTENCE
ELSE
IF FIRST-INDEX = 4
PERFORM PRIPREMA-DATOTEKE
ELSE
MOVE ZBIR-B TO TOTAL-EXPECTED
PERFORM VISSZAIRAS IN RUTINOK
MOVE 1 TO GOOD-1 NEW-FILE
MOVE MEM-REL-KEY TO REL-KEY
IF REL-KEY = 1
MOVE 2 TO REL-KEY.
MOVE ZEROS TO REDNI-BROJ-B.

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PRIPREMA-DATOTEKE SECTION.

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BEGIN-OF-FILE-PREPARE.
STRING A-RBR-B KONTO-B-1 MAGACIN-2 "." MESEC-B " "
DELIMITED BY SIZE INTO PATHNAME.
MOVE "C" TO MOD.
CALL "MAT62" USING PATHNAME MOD STAT.
IF STAT NOT = ZEROS
MOVE 3 TO MESSAGE-NUMBER
PERFORM ERROR-MSG
MOVE 1 TO PROGRAM-SWITCH GOOD-1

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ELSE
  MOVE 1 TO REL-KEY
  PERFORM CITANJE-DATOTEKE IN RUTINOK
  IF INVAL
    MOVE 1 TO EXIT-CODE
    MOVE 1 TO ENTRY-COMPLETED
    MOVE KONTO-B TO CONTO
    MOVE MAGACIN-B TO STORE-HOUSE
    MOVE MESEC-B TO ACCOUNT-MONTH
    MOVE A-RBR-B TO ALPHA-ORDER
    MOVE ZEROS TO TOTAL-EXPECTED
    MOVE ZEROS TO TOTAL-CURRENT
    MOVE ZEROS TO COUNTER-FIELD
    MOVE 2 TO LAST-FREE-RECORD
    MOVE ZEROS TO FIRM-B
    PERFORM TRAZI-PREDUZECE UNTIL U-REDU
    MOVE FIRM-B TO FIRM
    PERFORM PRVI-ZAPIS IN RUTINOK
    IF INVAL
      MOVE 4 TO MESSAGE-NUMBER
      PERFORM ERROR-MSG
      MOVE 1 TO PROGRAM-SWITCH GOOD-1
    ELSE
      NEXT SENTENCE
  ELSE
    MOVE FIRM TO FIRM-B
    IF EXIT-CODE = 0
      MOVE 1 TO EXIT-CODE
      PERFORM VISSZAIRAS IN RUTINOK
      IF INVAL
        MOVE 6 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
        MOVE 1 TO PROGRAM-SWITCH GOOD-1
      ELSE
        NEXT SENTENCE
    ELSE
      MOVE PORUKA(10) TO POSTA
      PERFORM SIGNAL IN RUTINOK
      MOVE ZEROS TO REL-KEY RESTORE-SWITCH RESTORE-TOTAL
      PERFORM FILE-RESTORE UNTIL RESTORE-SWITCH = 1
      MOVE REL-KEY TO MEM-REL-KEY
      MOVE 1 TO REL-KEY
      PERFORM CITANJE-DATOTEKE IN RUTINOK
      MOVE RESTORE-TOTAL TO TOTAL-CURRENT
      MOVE MEM-REL-KEY TO LAST-FREE-RECORD
      PERFORM VISSZAIRAS IN RUTINOK
      IF INVAL
        MOVE 6 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
        MOVE 1 TO PROGRAM-SWITCH GOOD-1
      ELSE
        NEXT SENTENCE.

```

PRIPREMA-KONTROLNOG-ZBIRA SECTION.

BEGIN-OF-SUM-PREPARE.

```

  MOVE 1 TO REL-KEY
  MOVE ZEROS TO COUNTER-FIELD.
  PERFORM CITANJE-DATOTEKE IN RUTINOK
  MOVE LAST-FREE-RECORD TO MEM-REL-KEY
  MOVE TOTAL-EXPECTED TO ZBIR-B
  MOVE TOTAL-CURRENT TO COUNTER-FIELD
  CALL "ZNVXFR" USING VTCRB ZBIR-B L-FIELD HDS-STAT
  CALL "ZNVWRF" USING VTCRB L-FIELD HDS-STAT.

```

CIKLUS SECTION.

START-OF-CIKLUS.

```

  MOVE ZEROS TO COND.

```

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IF I = ZEROS
  NEXT SENTENCE
ELSE
IF I < 15
  IF I < 08
    IF I < 06
      IF I = 02
        MOVE "Unesite vrstu dokumenta..." TO POSTA
        PERFORM SIGNAL IN RUTINOK
        CALL "ZNVRRF" USING VTCRB VRSTA-DOKUMENTA-B
          L-FIELD HDS-STAT
      ELSE
        MOVE "Unesite broj dokumenta..." TO POSTA
        PERFORM SIGNAL IN RUTINOK
        CALL "ZNVRRF" USING VTCRB BROJ-DOKUMENTA-B
          L-FIELD HDS-STAT
      ELSE
        IF I = 06
          MOVE "Unesite dan na dokumentu..." TO POSTA
          PERFORM SIGNAL IN RUTINOK
          CALL "ZNVRRF" USING VTCRB DATUM-DOKUMENTA-DD
            L-FIELD HDS-STAT
        ELSE
          MOVE "Unesite mesec na dokumentu..." TO POSTA
          PERFORM SIGNAL IN RUTINOK
          CALL "ZNVRRF" USING VTCRB DATUM-DOKUMENTA-MM
            L-FIELD HDS-STAT
        ELSE
          IF I < 13
            IF I = 11
              MOVE "Unesite kod:(1=brisanje/0=ne...)" TO POSTA
              PERFORM SIGNAL IN RUTINOK
              CALL "ZNVRRF" USING VTCRB BRISANJE-B
                L-FIELD HDS-STAT
            ELSE
              IF I = 10
                MOVE "Unesite vrstu promene..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB VRSTA-PROMENE-B
                  L-FIELD HDS-STAT
              ELSE
                MOVE "Unesite godinu na dokumentu..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB DATUM-DOKUMENTA-GG
                  L-FIELD HDS-STAT
            ELSE
              IF I = 13
                MOVE "Unesite sifru grad/ma#/kab/pon..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB GRADILISTE-B
                  L-FIELD HDS-STAT
              ELSE
                MOVE "Unesite obracunku jedinicu..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB OBR-JEDINICA-B
                  L-FIELD HDS-STAT
            ELSE
          IF I > 18
            IF I > 21
              IF I = 24
                MOVE "Unesite nabavnu cenu..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB NABAVNA-CENA-CEO-B
                  L-FIELD HDS-STAT
              ELSE
                MOVE "Unesite nabavnu cenu..." TO POSTA
                PERFORM SIGNAL IN RUTINOK
                CALL "ZNVRRF" USING VTCRB NABAVNA-CENA-DEC-B

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```

                                L-FIELD HDS-STAT
ELSE
  IF I = 19
    MOVE "Unesite drugi magacin na koji prebacujete.."
      TO POSTA
    PERFORM SIGNAL IN RUTINOK
    CALL "ZNVRRF" USING VTCRB DRUGI-MAGACIN-B
      L-FIELD HDS-STAT
  ELSE
    IF I = 20
      IF VRSTA-PROMENE-B < 11
        MOVE "Unesite ulaznu kolicinu..." TO POSTA
      PERFORM SIGNAL IN RUTINOK
      CALL "ZNVRRF" USING VTCRB KOL-ULAZ-B
        L-FIELD HDS-STAT
      ELSE
        NEXT SENTENCE
      ELSE
        IF VRSTA-PROMENE-B > 10
          MOVE "Unesite izlaznu kolicinu..." TO POSTA
        PERFORM SIGNAL IN RUTINOK
        CALL "ZNVRRF" USING VTCRB KOL-IZLAZ-B
          L-FIELD HDS-STAT
        ELSE
          NEXT SENTENCE
    ELSE
      IF I = 18
        MOVE "Unesite nomenklaturu materijala..." TO POSTA
        PERFORM SIGNAL IN RUTINOK
        CALL "ZNVRRF" USING VTCRB NOMENKLATURA-B
          L-FIELD HDS-STAT
      ELSE
        IF I = 15
          MOVE "Unesite broj rekapitulacije..." TO POSTA
          PERFORM SIGNAL IN RUTINOK
          CALL "ZNVRRF" USING VTCRB BR-REKAPITULACIJE-B
            L-FIELD HDS-STAT
        ELSE
          MOVE "Unesite drugi konto na koji prebacujete..."
            TO POSTA
          PERFORM SIGNAL IN RUTINOK
          CALL "ZNVRRF" USING VTCRB DRUGI-KONTO-B
            L-FIELD HDS-STAT.
KONTROLA-RESZ-ADATOK SECTION.
KONTROLA-PARAGRAPH.
MOVE ZEROS TO KAPCSOLO.
* Veza izme"u konta i vrsta-dokumenta
  IF K = 6
    IF VRSTA-DOKUMENTA-B = 6
      IF ((VRSTA-PROMENE-B = 12 OR VRSTA-PROMENE-B = 13)
        AND KONTO-B = 310100)
        NEXT SENTENCE
      ELSE
        IF (VRSTA-PROMENE-B = 14 AND
          (KONTO-B = 310100 OR KONTO-B = 320000))
          NEXT SENTENCE
        ELSE
          IF (VRSTA-PROMENE-B = 15 AND
            (KONTO-B = 310100 OR KONTO-B = 320000))
            NEXT SENTENCE
          ELSE
            IF VRSTA-PROMENE-B = 16 AND
              (KONTO-B = 310100 OR
                KONTO-B = 351300 OR
                KONTO-B = 310300 OR
                KONTO-B = 310500 OR
                KONTO-B = 351200 OR
                KONTO-B = 351000 OR

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        KONTO-B = 351100 OR
        KONTO-B = 351400 OR
        KONTO-B = 310200 OR
        KONTO-B = 320000)
        NEXT SENTENCE
ELSE
    IF (VRSTA-PROMENE-B = 11 AND
        (KONTO-B = 310100 OR KONTO-B = 310200 OR
         KONTO-B = 310300 OR KONTO-B = 310400 OR
         KONTO-B = 310500))
        NEXT SENTENCE
    ELSE
        IF (VRSTA-PROMENE-B = 23 AND KONTO-B = 600105) OR
            (VRSTA-PROMENE-B = 08 AND KONTO-B NOT < 600000)
            NEXT SENTENCE
        ELSE
            IF VRSTA-PROMENE-B = 31 AND (KONTO-B = 991100 OR
                991101 OR 991102 OR 991103 OR 991104 OR
                991105 OR 991106)
                NEXT SENTENCE
ELSE
    IF VRSTA-PROMENE-B = 41 AND (KONTO-B = 316000 OR
        316001 OR 316002)
        NEXT SENTENCE
ELSE
    MOVE 3 TO KAPCSOLO
    MOVE 6 TO K
    MOVE 37 TO MESSAGE-NUMBER
ELSE
    PERFORM KONTROLA-DOKUMENAT-PROMENA-B IN RUTINOK
    IF INVAL
        MOVE 6 TO K
        MOVE 20 TO MESSAGE-NUMBER
ELSE
    NEXT SENTENCE
ELSE
*           *****                      Gradili#te
    IF K = 8
        IF VRSTA-PROMENE-B = 03
            PERFORM KONTROLA-GRADILISTE-B IN RUTINOK
            IF INVAL
                MOVE 8 TO K
                MOVE 21 TO MESSAGE-NUMBER
            ELSE
                NEXT SENTENCE
ELSE
    IF (VRSTA-PROMENE-B = 02 AND VRSTA-DOKUMENTA-B = 02) OR
        ((VRSTA-PROMENE-B = 04 OR VRSTA-PROMENE-B = 09)
         AND KONTO-B = 310400) OR
        (VRSTA-PROMENE-B = 11 AND (KONTO-B = 310300 OR
            KONTO-B = 310400 OR
            KONTO-B = 310500)) OR
        (KONTO-B = 310100 AND (VRSTA-PROMENE-B = 13 OR
            VRSTA-PROMENE-B = 14 OR
            VRSTA-PROMENE-B = 15 OR
            VRSTA-PROMENE-B = 16)) OR
        (VRSTA-PROMENE-B = 16 AND (KONTO-B = 351300 OR
            KONTO-B = 310300 OR
            KONTO-B = 310100 OR
            KONTO-B = 310500)) OR
        (VRSTA-PROMENE-B = 08 OR VRSTA-PROMENE-B = 23)
        OR (VRSTA-PROMENE-B = 31 AND KONTO-B = 990001)
        OR (VRSTA-PROMENE-B = 16 AND (KONTO-B = 351000 OR
            351100 OR 351400))
            IF GRADILISTE-B = 0
                NEXT SENTENCE
            ELSE
                MOVE 3 TO KAPCSOLO

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```

        MOVE 8 TO K
        MOVE 29 TO MESSAGE-NUMBER
ELSE
  IF VRSTA-PROMENE-B = 11
    IF KONTO-B = 310100
      IF MAGACIN-B = 230138 OR 230324
        PERFORM KONTROLA-KUGOX IN RUTINOK
        IF INVAL
          PERFORM KONTROLA-GRADILISTE-B
            IN RUTINOK
          IF INVAL
            MOVE 8 TO K
            MOVE 3 TO KAPCSOLO
            MOVE 31 TO MESSAGE-NUMBER
          ELSE
            NEXT SENTENCE
        ELSE
          NEXT SENTENCE
      ELSE
        NEXT SENTENCE
    ELSE
      IF MAGACIN-B = 230022
        PERFORM KONTROLA-PONUDE IN RUTINOK
        IF INVAL
          PERFORM KONTROLA-GRADILISTE-B IN
            RUTINOK
          IF INVAL
            MOVE 8 TO K
            MOVE 3 TO KAPCSOLO
            MOVE 40 TO MESSAGE-NUMBER
          ELSE
            NEXT SENTENCE
        ELSE
          NEXT SENTENCE
      ELSE
        PERFORM KONTROLA-GRADILISTE-B IN RUTINOK
        IF INVAL
          MOVE 8 TO K
          MOVE 3 TO KAPCSOLO
          MOVE 21 TO MESSAGE-NUMBER
        ELSE
          NEXT SENTENCE
      ELSE
        IF KONTO-B = 310200
          PERFORM KONTROLA-MASINX IN RUTINOK
          IF INVAL
            PERFORM KONTROLA-GRADILISTE-B IN RUTINOK
            IF INVAL
              MOVE 8 TO K
              MOVE 3 TO KAPCSOLO
              MOVE 21 TO MESSAGE-NUMBER
            ELSE
              NEXT SENTENCE
          ELSE
            NEXT SENTENCE
        ELSE
          NEXT SENTENCE
    ELSE
      IF VRSTA-PROMENE-B = 12
        IF MAGACIN-B = 230138 OR 230090
          PERFORM KONTROLA-KUGOX IN RUTINOK
          IF INVAL
            MOVE 8 TO K
            MOVE 3 TO KAPCSOLO
            MOVE 31 TO MESSAGE-NUMBER
          ELSE
            NEXT SENTENCE
        ELSE
          PERFORM KONTROLA-GRADILISTE-B IN RUTINOK
          IF INVAL

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```
MOVE 8 TO K
MOVE 3 TO KAPCSOLO
MOVE 21 TO MESSAGE-NUMBER
ELSE
NEXT SENTENCE
ELSE
IF VRSTA-PROMENE-B = 14 OR VRSTA-PROMENE-B = 15
IF KONTO-B = 320000
PERFORM KONTROLA-MASINX
IF INVAL
MOVE 8 TO K
MOVE 3 TO KAPCSOLO
MOVE 22 TO MESSAGE-NUMBER
ELSE
NEXT SENTENCE
ELSE
NEXT SENTENCE
ELSE
IF VRSTA-PROMENE-B = 16
IF KONTO-B = 351200
PERFORM KONTROLA-MASINX
IF INVAL
MOVE 8 TO K
MOVE 3 TO KAPCSOLO
MOVE 22 TO MESSAGE-NUMBER
ELSE
NEXT SENTENCE
ELSE
IF GRADILISTE-B > 1979 AND GRADILISTE-B < 1993
NEXT SENTENCE
ELSE
MOVE 8 TO K
MOVE 3 TO KAPCSOLO
MOVE 30 TO MESSAGE-NUMBER
ELSE
NEXT SENTENCE
*
***** OBRA$ JEDINICA
ELSE
IF K = 9
*
* IF VRSTA-PROMENE-B = 11
*
* IF KONTO-B = 310300
* IF OBR-JEDINICA-B = 010000 OR
* 0122000 OR
* 0123000 OR
* 0124000 OR
* 0125000 OR
* 0126000 OR
* 0127000 OR
* 0128000 OR
* 0129000
*
* NEXT SENTENCE
*
* ELSE
* MOVE 3 TO KAPCSOLO
* MOVE 9 TO K
* MOVE 32 TO MESSAGE-NUMBER
*
* ELSE
* IF KONTO-B = 310500
* IF OBR-JEDINICA-B = 1031000
* NEXT SENTENCE
*
* ELSE
* MOVE 3 TO KAPCSOLO
* MOVE 9 TO K
* MOVE 32 TO MESSAGE-NUMBER
*
* ELSE
* IF MAGACIN-B = 230138
* IF OBR-JEDINICA-B = 0516000 OR 0517000
* NEXT SENTENCE
*
```

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*           ELSE
*             MOVE 3 TO KAPCSOLO
*             MOVE 9 TO K
*             MOVE 32 TO MESSAGE-NUMBER
*           ELSE
*             PERFORM KONTROLA-OBR-JEDINICA-B IN RUTINOK
*             IF INVAL
*               MOVE 9 TO K
*               MOVE 3 TO KAPCSOLO
*               MOVE 23 TO MESSAGE-NUMBER
*             ELSE
*               NEXT SENTENCE
*         ELSE
*           IF VRSTA-PROMENE-B = 02 OR
*             ((VRSTA-PROMENE-B = 04 OR VRSTA-PROMENE-B = 09)
*              AND KONTO-B = 310400)
*           IF VRSTA-DOKUMENTA-B = 02
*             IF OBR-JEDINICA-B = ZEROS
*               NEXT SENTENCE
*             ELSE
*               MOVE 3 TO KAPCSOLO
*               MOVE 9 TO K
*               MOVE 34 TO MESSAGE-NUMBER
*           ELSE
*             PERFORM KONTROLA-OBR-JEDINICA-B IN RUTINOK
*             IF INVAL
*               MOVE 9 TO K
*               MOVE 3 TO KAPCSOLO
*               MOVE 23 TO MESSAGE-NUMBER
*             ELSE
*               NEXT SENTENCE
*         ELSE
*           IF VRSTA-PROMENE-B = 12
*             IF MAGACIN-B = 230138 OR MAGACIN-B = 230090
*               IF OBR-JEDINICA-B = 0516000 OR = 0517000
*                 NEXT SENTENCE
*             ELSE
*               MOVE 3 TO KAPCSOLO
*               MOVE 9 TO K
*               MOVE 32 TO MESSAGE-NUMBER
*           ELSE
*             PERFORM KONTROLA-OBR-JEDINICA-B IN RUTINOK
*             IF INVAL
*               MOVE 3 TO KAPCSOLO
*               MOVE 9 TO K
*               MOVE 23 TO MESSAGE-NUMBER
*             ELSE
*               NEXT SENTENCE
*         ELSE
*           IF VRSTA-PROMENE-B = 31
*             NEXT SENTENCE
*         ELSE
*           IF PRED-B NOT = FIRM-B
*             MOVE 3 TO KAPCSOLO
*             MOVE 9 TO K
*             MOVE 41 TO MESSAGE-NUMBER
*           ELSE
*             PERFORM KONTROLA-OBR-JEDINICA-B IN RUTINOK
*             IF INVAL
*               MOVE 3 TO KAPCSOLO
*               MOVE 9 TO K
*               MOVE 23 TO MESSAGE-NUMBER
*             ELSE
*               NEXT SENTENCE
*     ELSE
*           ***** REKAPITULACIJA
*         IF K = 10
*           IF VRSTA-DOKUMENTA-B = 02

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        IF VRSTA-PROMENE-B = 02 OR ((VRSTA-PROMENE-B = 04
            OR VRSTA-PROMENE-B = 09)
            AND KONTO-B = 310400)
            IF BR-REKAPITULACIJE-B = ZEROS
                MOVE 3 TO KAPCSOLO
                MOVE 10 TO K
                MOVE 35 TO MESSAGE-NUMBER
            ELSE
                NEXT SENTENCE
        ELSE
            IF VRSTA-PROMENE-B = 03
                IF BR-REKAPITULACIJE-B = ZEROS
                    NEXT SENTENCE
                ELSE
                    MOVE 3 TO KAPCSOLO
                    MOVE 10 TO K
                    MOVE 36 TO MESSAGE-NUMBER
            ELSE
                NEXT SENTENCE
        ELSE
            NEXT SENTENCE
    ELSE
        NEXT SENTENCE
ELSE
    NEXT SENTENCE.
*
        ***** DRUGI KONTO
    IF K = 11
        IF DRUGI-KONTO-B = KONTO-B
            MOVE 3 TO KAPCSOLO
            MOVE 25 TO MESSAGE-NUMBER
        ELSE
            PERFORM KONTROLA-DRUGI-KONTO-B IN RUTINOK
            IF INVAL
                MOVE 1 TO MESSAGE-NUMBER
            ELSE
                NEXT SENTENCE
    ELSE
*
        ***** DRUGI MAGACIN
    IF K = 12
        IF DRUGI-MAGACIN-B = MAGACIN-B
            MOVE 3 TO KAPCSOLO
            MOVE 26 TO MESSAGE-NUMBER
        ELSE
            PERFORM KONTROLA-DRUGI-MAGACIN IN RUTINOK
            IF INVAL
                MOVE 2 TO MESSAGE-NUMBER
            ELSE
                NEXT SENTENCE
    ELSE
*
        ***** NABAVNA CENA - CEO
    IF K = 17
        IF VRSTA-DOKUMENTA-B = 02
            IF VRSTA-PROMENE-B = 02 OR
                ((VRSTA-PROMENE-B = 04 OR VRSTA-PROMENE-B = 09)
                    AND KONTO-B = 310400)
                IF NABAVNA-CENA-CEO-B = 0
                    AND NABAVNA-CENA-DEC-B = 0
                        MOVE 3 TO KAPCSOLO
                        MOVE 16 TO K
                        MOVE 27 TO MESSAGE-NUMBER
                ELSE
                    NEXT SENTENCE
            ELSE
                IF VRSTA-PROMENE-B = 3
                    IF NABAVNA-CENA-CEO-B = 0
                        NEXT SENTENCE
                    ELSE
                        MOVE 3 TO KAPCSOLO
                        MOVE 16 TO K
                        MOVE 38 TO MESSAGE-NUMBER

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                ELSE
                NEXT SENTENCE
            ELSE
            NEXT SENTENCE
        ELSE
        PERFORM KONTROLA-RESZADATOK-2.
KONTROLA-RESZADATOK-2 SECTION.
KONTROLL.
    IF K = 14
        IF KOL-ULAZ-B = ZEROS
            MOVE 3 TO KAPCSOLO
            MOVE 14 TO K
            MOVE 39 TO MESSAGE-NUMBER
        ELSE
            NEXT SENTENCE
    ELSE
    IF K = 15
        IF KOL-IZLAZ-B = ZEROS
            MOVE 3 TO KAPCSOLO
            MOVE 15 TO K
            MOVE 39 TO MESSAGE-NUMBER
        ELSE
            NEXT SENTENCE
    ELSE
    NEXT SENTENCE.

FILE-RESTORE SECTION.
RESTORE-PARAGRAPH.
    ADD 1 TO REL-KEY.
    PERFORM CITANJE-DATOTEKE IN RUTINOK.
    IF INVAL
        MOVE 1 TO RESTORE-SWITCH
    ELSE
        IF (REL-KEY > 1) AND (DELETE-CODE = 0)
            ADD KOLICINA-ULAZ KOLICINA-IZLAZ TO RESTORE-TOTAL.

FUNKCIJSKI-TASTER SECTION.
START-OF-FUNKCIJSKI-TASTER.
    IF MODIFY-MOD AND DEL-COD = 1
        IF SF8
            PERFORM RECORD-BACKSPACE
        ELSE
            IF SF9
                PERFORM RECORD-ADVANCE
            ELSE
                NEXT SENTENCE
    ELSE
    IF F10
        IF MODIFY-MOD
            MOVE 19 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
        ELSE
            MOVE "1" TO PROGRAM-SWITCH
            MOVE 1 TO GOOD-1 GOOD-2
    ELSE
    IF CLEAR
        IF MODIFY-MOD
            MOVE 19 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
        ELSE
            CALL "ZNRVST" USING VTCRB HDS-STAT
            MOVE ZEROS TO DEL-COD
            MOVE ZEROS TO NEW-FILE
            MOVE ZEROS TO VALTO
            MOVE ZEROS TO GOOD-1 GOOD-2
            PERFORM NULLAZAS-RIGHT-SIDE IN RUTINOK
            PERFORM NULLAZAS-DOWN-SIDE IN RUTINOK
            MOVE REL-KEY TO MEM-REL-KEY

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MOVE 1 TO REL-KEY
PERFORM CITANJE-DATOTEKE IN RUTINOK
MOVE MEM-REL-KEY TO LAST-FREE-RECORD
MOVE COUNTER-FIELD TO TOTAL-CURRENT
MOVE ZEROS TO EXIT-CODE
REWRITE FIRST-RECORD INVALID MOVE 3 TO KAPCSOLO
MOVE "E" TO MOD
CALL "MAT62" USING PATHNAME MOD STAT
MOVE ZEROS TO COUNTER-FIELD
MOVE ZEROS TO STAMPARIJA
MOVE ZEROS TO ZBIR-B
ELSE
IF F1
  IF MODIFY-MOD
    MOVE 19 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG
  ELSE
    MOVE ZEROS TO VALTO
    PERFORM RESET-DOWN-SIDE IN RUTINOK
    PERFORM NULLAZAS-RIGHT-SIDE IN RUTINOK
    PERFORM NULLAZAS-DOWN-SIDE IN RUTINOK
    MOVE ZEROS TO REDNI-BROJ-B
ELSE
IF SF2
  PERFORM MODIFIKACIJA-REKORDA
ELSE
IF F2
  PERFORM RESUMEE
ELSE
IF F4
  PERFORM TRAZENJE-REKORDA
ELSE
IF SF7
  PERFORM BRISANJE-REKORDA
ELSE
IF SF9
  PERFORM RECORD-ADVANCE
ELSE
IF SF8
  PERFORM RECORD-BACKSPACE
ELSE
IF F5
  PERFORM INVALID-CIRCUMTANCE
ELSE
IF F8
  PERFORM FIELD-BACK
ELSE
IF F9
  PERFORM FIELD-ADVANCE
ELSE
IF F12
  CALL "ZNVFLV" USING VTCRB ALL-BUFFER HDS-STAT
  CALL "ZNVGTF" USING VTCRB HELP-MASK HDS-STAT
  CALL "ZNVWRF" USING VTCRB HDS-STAT
  CALL "ZNVRRF" USING VTCRB VALASZ HELP-MEZO HDS-STAT
  CALL "ZNVGTF" USING VTCRB MASK-NAME HDS-STAT
  CALL "ZNVWRF" USING VTCRB HDS-STAT
  CALL "ZNVXFR" USING VTCRB ALL-BUFFER HDS-STAT
  CALL "ZNVWRF" USING VTCRB HDS-STAT
ELSE
IF CTRL-B
  CALL "ZNVFLV" USING VTCRB ALL-BUFFER HDS-STAT
  CALL "MAT10L" USING PATHNAME
  CALL "ZNVGTF" USING VTCRB MASK-NAME HDS-STAT
  CALL "ZNVWRF" USING VTCRB HDS-STAT
  CALL "ZNVXFR" USING VTCRB ALL-BUFFER HDS-STAT
  CALL "ZNVWRF" USING VTCRB HDS-STAT
ELSE

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        MOVE 14 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG.
FIELD-BACK SECTION.
START-OF-FIELD-BACK.
    IF MODIFY-MOD
        SUBTRACT 1 FROM K
        IF K < 1
            CALL "ZINVALM" USING VTCRB HDS-STAT
            MOVE 1 TO K
        ELSE
            NEXT SENTENCE
    ELSE
        MOVE 19 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG.

FIELD-ADVANCE SECTION.
START-OF-FIELD-ADVANCE.
    IF MODIFY-MOD
        ADD 1 TO K
        IF K > 17
            CALL "ZINVALM" USING VTCRB HDS-STAT
            MOVE 17 TO K
        ELSE
            NEXT SENTENCE
    ELSE
        MOVE 19 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG.

MODIFIKACIJA-REKORDA SECTION.
START-OF-MODIFIKACIJA.
    IF ENTRY-MOD
        MOVE REL-KEY TO LAST-REL-KEY
        MOVE 2 TO MOD-OF-JOB
        SUBTRACT 1 FROM REL-KEY
        IF REL-KEY < 2
            MOVE 15 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
            MOVE 2 TO REL-KEY
        ELSE
            PERFORM CITANJE-DATOTEKE IN RUTINOK
            IF INVAL
                MOVE 16 TO MESSAGE-NUMBER
                PERFORM ERROR-MSG
            ELSE
                MOVE REDNI-BROJ-B TO MEM-REDNI-BROJ
                PERFORM FILE-U-BUFFER
        ELSE
            MOVE 19 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG.

RESUMEE SECTION.
START-OF-RESUMEE.
    IF MODIFY-MOD
        MOVE LAST-REL-KEY TO MEM-REL-KEY
        SUBTRACT 1 FROM MEM-REL-KEY GIVING REL-KEY
        PERFORM RESET-RIGHT-SIDE IN RUTINOK
        PERFORM CITANJE-DATOTEKE IN RUTINOK
        PERFORM FILE-U-BUFFER
        MOVE LAST-REL-KEY TO REL-KEY
        PERFORM RESET-DOWN-SIDE IN RUTINOK
        CALL "ZNVRST" USING VTCRB DEL-FIELD HDS-STAT
        MOVE 1 TO MOD-OF-JOB
        MOVE MEM-REDNI-BROJ TO REDNI-BROJ-B
        PERFORM ORDER-NUMBER-WRITE IN RUTINOK

        PERFORM STATUS-SOR
    ELSE
        MOVE 19 TO MESSAGE-NUMBER

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```
PERFORM ERROR-MSG.
TRAZENJE-REKORDA SECTION.
START-OF-TRAZENJE.
  IF MODIFY-MOD
    CALL "ZNVITMM" USING VTCRB SEARCH-MESSAGE HDS-STAT
    CALL "ZNVITMR" USING VTCRB SEARCH-ANSWER HDS-STAT
    IF SEARCH-KEY NOT < 2
      MOVE REL-KEY TO MEM-REL-KEY
      MOVE SEARCH-KEY TO REL-KEY
      PERFORM CITANJE-DATOTEKE IN RUTINOK
      IF INVAL
        MOVE MEM-REL-KEY TO REL-KEY
        MOVE 28 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
      ELSE
        PERFORM FILE-U-BUFFER
    ELSE
      NEXT SENTENCE
  ELSE
    MOVE 19 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG.
```

```
BRISANJE-REKORDA SECTION.
START-OF-BRISANJE.
  IF MODIFY-MOD
    MOVE 3 TO MOD-OF-JOB
    MOVE 08 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG
    IF VALASZ = "N"
      MOVE 2 TO MOD-OF-JOB
    ELSE
      PERFORM BUFFER-U-FILE
      PERFORM STATUS-SOR
      MOVE 2 TO MOD-OF-JOB
  ELSE
    MOVE 19 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG.
```

```
RECORD-ADVANCE SECTION.
START-OF-ADVANCE.
  IF MODIFY-MOD
    ADD 1 TO REL-KEY
    IF REL-KEY = LAST-REL-KEY
      MOVE 17 TO MESSAGE-NUMBER
      PERFORM ERROR-MSG
      SUBTRACT 1 FROM REL-KEY
    ELSE
      PERFORM CITANJE-DATOTEKE IN RUTINOK
      IF INVAL
        MOVE 16 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
      ELSE
        PERFORM FILE-U-BUFFER
  ELSE
    MOVE 19 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG.
```

```
RECORD-BACKSPACE SECTION.
START-OF-BACKSPACE.
  IF MODIFY-MOD
    SUBTRACT 1 FROM REL-KEY
    IF REL-KEY < 2
      MOVE 15 TO MESSAGE-NUMBER
      PERFORM ERROR-MSG
      MOVE 2 TO REL-KEY
    ELSE
      PERFORM CITANJE-DATOTEKE IN RUTINOK
      IF INVAL
```

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        MOVE 16 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
    ELSE
        PERFORM FILE-U-BUFFER
ELSE
    MOVE 19 TO MESSAGE-NUMBER
    PERFORM ERROR-MSG.

INVALID-CIRCUMTANCE SECTION.
START-OF-INVALID.
    ADD 1 TO REDNI-BROJ-B.
    MOVE 13 TO K.
    PERFORM ORDER-NUMBER-WRITE IN RUTINOK.
    PERFORM RESET-DOWN-SIDE IN RUTINOK.

BUFFER-U-FILE SECTION.
START-BUFFER-U-FILE.
    MOVE ZEROS TO DELETE-CODE.
    IF DELETE-MOD MOVE 1 TO DELETE-CODE.
    MOVE BRISANJE-B TO OZNAKA-PREDZNAKA.
    MOVE VRSTA-DOKUMENTA-B TO VRSTA-DOKUMENTA.
    MOVE VRSTA-PROMENE-B TO VRSTA-PROMENE.
    MOVE BROJ-DOKUMENTA-B TO BROJ-DOKUMENTA.
    STRING DATUM-DOKUMENTA-GG DATUM-DOKUMENTA-MM
        DATUM-DOKUMENTA-DD DELIMITED BY SIZE INTO
        DATUM-DOKUMENTA.
    MOVE REDNI-BROJ-B TO REDNI-BROJ.
    MOVE BR-REKAPITULACIJE-B TO BROJ-REKAPITULACIJE.
    MOVE DRUGI-KONTO-B TO DRUGI-KONTO.
    MOVE DRUGI-MAGACIN-B TO DRUGI-MAGACIN.
    MOVE BRISANJE-B TO OZNAKA-PREDZNAKA.
    MOVE OBR-JEDINICA-B TO OBRACUNSKA-JEDINICA.
    MOVE GRADILISTE-B TO GRADILISTE.
    MOVE NOMENKLATURA-B TO NOMENKLATURA.
    PERFORM CITANJE-NOM-IZ-FILE IN RUTINOK.
    IF BRISANJE-B = 1
        MULTIPLY KOL-ULAZ-B BY -1 GIVING KOLICINA-ULAZ
        MULTIPLY KOL-IZLAZ-B BY -1 GIVING KOLICINA-IZLAZ
    ELSE
        MOVE KOL-ULAZ-B TO KOLICINA-ULAZ
        MOVE KOL-IZLAZ-B TO KOLICINA-IZLAZ.
    MOVE MN-PLANSKA-CENA TO PLANSKA-CENA.
    STRING NABAVNA-CENA-CEO-B NABAVNA-CENA-DEC-B DELIMITED BY
        SIZE INTO NABAVNA-CENA.
    IF ENTRY-MOD
        PERFORM UPIS-ENTRY-RECORD IN RUTINOK
        IF INVAL
            MOVE 12 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
        ELSE
            ADD 1 TO REDNI-BROJ-B
            PERFORM ORDER-NUMBER-WRITE IN RUTINOK
            ADD 1 TO REL-KEY
            MOVE REL-KEY TO MEM-REL-KEY
            MOVE 1 TO REL-KEY
            PERFORM CITANJE-DATOTEKE IN RUTINOK
            ADD KOL-ULAZ-B KOL-IZLAZ-B TO COUNTER-FIELD
            MOVE COUNTER-FIELD TO TOTAL-CURRENT
            PERFORM VISSZAIRAS IN RUTINOK
            IF INVAL
                MOVE MEM-REL-KEY TO REL-KEY
                MOVE 6 TO MESSAGE-NUMBER
                PERFORM ERROR-MSG
            ELSE
                MOVE MEM-REL-KEY TO REL-KEY
                PERFORM STATUS-SOR
                PERFORM RESET-DOWN-SIDE IN RUTINOK

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        PERFORM NULLAZAS-DOWN-SIDE IN RUTINOK
ELSE
    PERFORM REWRITE-ENTRY-RECORD IN RUTINOK
    IF INVAL
        MOVE 13 TO MESSAGE-NUMBER
        PERFORM ERROR-MSG
    ELSE
        MOVE REL-KEY TO MEM-REL-KEY
        MOVE 1 TO REL-KEY
        PERFORM CITANJE-DATOTEKE IN RUTINOK
        PERFORM OBRACUN-KOD-OK-KORALA IN RUTINOK
        PERFORM VISSZAIRAS IN RUTINOK
        IF INVAL
            MOVE MEM-REL-KEY TO REL-KEY
            MOVE 06 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
        ELSE
            MOVE MEM-REL-KEY TO REL-KEY
            MOVE 9 TO MESSAGE-NUMBER
            PERFORM ERROR-MSG
            ADD 1 TO REL-KEY
            IF REL-KEY = LAST-REL-KEY
                MOVE 17 TO MESSAGE-NUMBER
                PERFORM ERROR-MSG
                SUBTRACT 1 FROM REL-KEY
                PERFORM NULLAZAS-DOWN-SIDE IN RUTINOK
            ELSE
                PERFORM CITANJE-DATOTEKE IN RUTINOK
                PERFORM FILE-U-BUFFER.

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FILE-U-BUFFER SECTION.

FILE-U-BUFFER-PARAGRAPH.

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    IF DELETE-CODE = 1
        MOVE "BRISAN REKORD" TO DEL-SZO
        CALL "ZNVXFR" USING VTCRB DEL-SZO DEL-FIELD HDS-STAT
        CALL "ZNVWRF" USING VTCRB DEL-FIELD HDS-STAT
        MOVE 1 TO DEL-COD
    ELSE
        MOVE SPACES TO DEL-SZO
        CALL "ZNVXFR" USING VTCRB DEL-SZO DEL-FIELD HDS-STAT
        CALL "ZNVWRF" USING VTCRB DEL-FIELD HDS-STAT
        MOVE 0 TO DEL-COD.
    IF OZNAKA-PREDZNAKA = 1
        MOVE KOLICINA-ULAZ TO KOL-ULAZ-B
        MOVE KOLICINA-IZLAZ TO KOL-IZLAZ-B
        MULTIPLY KOL-ULAZ-B BY -1 GIVING KOL-ULAZ-B
        MULTIPLY KOL-IZLAZ-B BY -1 GIVING KOL-IZLAZ-B
        MOVE 1 TO BRISANJE-B
    ELSE
        MOVE KOLICINA-IZLAZ TO KOL-IZLAZ-B
        MOVE KOLICINA-ULAZ TO KOL-ULAZ-B
        MOVE 0 TO BRISANJE-B.
    MOVE KOL-ULAZ-B TO HELP-ULAZ.
    MOVE KOL-IZLAZ-B TO HELP-IZLAZ.
    MOVE SPACES TO ALL-BUFFER.
    UNSTRING DATUM-DOKUMENTA INTO DATUM-DOKUMENTA-GG
        DATUM-DOKUMENTA-MM DATUM-DOKUMENTA-DD
    STRING VRSTA-DOKUMENTA BROJ-DOKUMENTA DATUM-DOKUMENTA-DD
        DATUM-DOKUMENTA-MM DATUM-DOKUMENTA-GG VRSTA-PROMENE
        BRISANJE-B GRADILISTE OBRACUNSKA-JEDINICA
        BROJ-REKAPITULACIJE
        DRUGI-KONTO DRUGI-MAGACIN DELIMITED BY SIZE INTO
        ALL-BUFFER.
    MOVE VRSTA-DOKUMENTA TO PROMENA-INDEX.
    CALL "ZNVXFR" USING VTCRB ALL-BUFFER RIGHT-FIELDS HDS-STAT.
    CALL "ZNVWRF" USING VTCRB RIGHT-FIELDS HDS-STAT.
    MOVE SPACES TO ALL-BUFFER.
    MOVE REDNI-BROJ TO REDNI-BROJ-B

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MOVE NOMENKLATURA TO NOMENKLATURA-B
STRING REDNI-BROJ-B NOMENKLATURA-B KOL-ULAZ-B
KOL-IZLAZ-B PLANSKA-CENA NABAVNA-CENA
DELIMITED BY SIZE INTO ALL-BUFFER
CALL "ZNVXFR" USING VTCRB ALL-BUFFER SOME-FIELDS HDS-STAT.
CALL "ZNVWRF" USING VTCRB SOME-FIELDS HDS-STAT.
PERFORM STATUS-SOR.

RUTINOK SECTION.
RUTIN-PARAGRAPH.

ORDER-NUMBER-WRITE.
CALL "ZNVXFR" USING VTCRB REDNI-BROJ-B ORD-NUM HDS-STAT.
CALL "ZNVWRF" USING VTCRB ORD-NUM HDS-STAT.

KONTROLA-MASINX.
MOVE ZEROS TO KAPCSOLO.
MOVE GRADILISTE-B TO MS-SIF.
READ MASINX INVALID KEY MOVE 3 TO KAPCSOLO.

KONTROLA-KUGOX.
MOVE ZEROS TO KAPCSOLO.
MOVE GRADILISTE-B TO MASTER-GRADILISTE.
MOVE MASTER-MASODIK TO KU-UGOVOR.
MOVE 01 TO KU-OBJEKAT.
READ KUGOX INVALID KEY MOVE 3 TO KAPCSOLO.

KONTROLA-PONUDE.
MOVE ZEROS TO KAPCSOLO.
MOVE GRADILISTE-B TO MASTER-GRADILISTE.
MOVE MASTER-MASODIK TO MP-PONUDA.
READ MAPON INVALID KEY MOVE 3 TO KAPCSOLO.

UPIS-ENTRY-RECORD.
MOVE ZEROS TO KAPCSOLO.
WRITE ENTRY-RECORD INVALID KEY MOVE 3 TO KAPCSOLO.

REWRITE-ENTRY-RECORD.
MOVE ZEROS TO KAPCSOLO.
REWRITE ENTRY-RECORD INVALID KEY MOVE 3 TO KAPCSOLO.

RESET-RIGHT-SIDE.
IF MODIFY-MOD
NEXT SENTENCE
ELSE
CALL "ZNVRS" USING VTCRB RIGHT-FIELDS HDS-STAT.

RESET-DOWN-SIDE.
CALL "ZNVRS" USING VTCRB DOWN-FIELDS HDS-STAT.

KONTROLA-KONTO-B.
MOVE ZEROS TO KAPCSOLO.
MOVE KONTO-B TO KO-KONTO.
READ KONTOX KEY IS KO-KONTO INVALID KEY MOVE 3 TO KAPCSOLO.

KONTROLA-DRUGI-KONTO-B.
MOVE ZEROS TO KAPCSOLO.
MOVE DRUGI-KONTO-B TO KO-KONTO.
READ KONTOX KEY IS KO-KONTO INVALID KEY MOVE 3 TO KAPCSOLO.

KONTROLA-MAGACIN-B.
MOVE ZEROS TO KAPCSOLO.
MOVE MAGACIN-B TO MA-BROJ-MAGACINA.
READ MAGACX KEY IS MA-BROJ-MAGACINA INVALID KEY MOVE
3 TO KAPCSOLO.

KONTROLA-DRUGI-MAGACIN.
MOVE ZEROS TO KAPCSOLO.
MOVE DRUGI-MAGACIN-B TO MA-BROJ-MAGACINA.
READ MAGACX KEY IS MA-BROJ-MAGACINA INVALID KEY MOVE
3 TO KAPCSOLO.

KONTROLA-MEGHATAROZAS.
IF VRSTA-DOKUMENTA = 2
IF VRSTA-PROMENE NOT = 03
MOVE 1 TO OBR-KAPCSOLO
ELSE
MOVE ZEROS TO OBR-KAPCSOLO

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ELSE
    MOVE 1 TO OBR-KAPCSOLO.
PRVI-ZAPIS.
    MOVE ZEROS TO KAPCSOLO.
    WRITE FIRST-RECORD INVALID KEY MOVE 3 TO KAPCSOLO.
VISSZAIRAS.
    MOVE ZEROS TO KAPCSOLO.
    REWRITE FIRST-RECORD INVALID KEY MOVE 3 TO KAPCSOLO.
KONTROLA-DOKUMENAT-PROMENA-B.
    MOVE ZEROS TO KAPCSOLO.
    MOVE VRSTA-DOKUMENTA-B TO VP-VRSTA-DOKUMENTA.
    MOVE VRSTA-PROMENE-B TO VP-VRSTA-PROMENE.
    READ MAVPX INVALID KEY MOVE 3 TO KAPCSOLO.
OBRACUN-KOD-OK-KORALA.
    IF DELETE-MOD
        NEXT SENTENCE
    ELSE
        SUBTRACT KOL-ULAZ-B FROM HELP-ULAZ
        SUBTRACT KOL-IZLAZ-B FROM HELP-IZLAZ.
        SUBTRACT HELP-ULAZ FROM COUNTER-FIELD.
        SUBTRACT HELP-IZLAZ FROM COUNTER-FIELD.
        MOVE COUNTER-FIELD TO TOTAL-CURRENT.
KONTROLA-OBR-JEDINICA-B.
    MOVE OBR-JEDINICA-B TO OR-KLS.
    MOVE ZEROS TO KAPCSOLO.
    READ ORG88X KEY IS OR-KLS INVALID KEY MOVE 3
        TO KAPCSOLO.
KONTROLA-GRADILISTE-B.
    MOVE ZEROS TO KAPCSOLO.
    MOVE GRADILISTE-B TO MASTER-GRADILISTE.
    MOVE MASTER-MASODIK TO MG-GRADILISTA.
    READ MAGRADX INVALID KEY MOVE 3 TO KAPCSOLO.
CITANJE-DATOTEKE.
    MOVE ZEROS TO KAPCSOLO.
    READ MATUNOS INVALID KEY MOVE 3 TO KAPCSOLO.
CITANJE-NOM-IZ-FILE.
    MOVE ZEROS TO KAPCSOLO.
    MOVE NOMENKLATURA-B TO MN-NOMENKLATURA.
    READ MANOMX KEY IS MN-NOMENKLATURA INVALID KEY
        MOVE 3 TO KAPCSOLO.
XFER-PROMENE.
    CALL "ZNVXFR" USING VTCRB VRSTA-PROMENE-B FIELD-OF-PROMENA
        HDS-STAT.
    CALL "ZNVWRF" USING VTCRB FIELD-OF-PROMENA HDS-STAT.
XFER-PLANSKA-CENA.
    MOVE MN-PLANSKA-CENA TO PLANSKA-CENA-B.
    CALL "ZNVXFR" USING VTCRB PLANSKA-CENA-B PC-FIELD HDS-STAT.
    CALL "ZNVWRF" USING VTCRB PC-FIELD HDS-STAT.
TRAZI-PREDUZECE.
    MOVE 42 TO MESSAGE-NUMBER.
    MOVE PORUKA (MESSAGE-NUMBER) TO UZENET.
    CALL "ZNVTTM" USING VTCRB UZENET HDS-STAT.
    CALL "ZNVTTM" USING VTCRB FIRM-B HDS-STAT.
NULLAZAS-DOWN-SIDE.
    MOVE ZEROS TO KOL-ULAZ-B KOL-IZLAZ-B
        NABAVNA-CENA-CEO-B NABAVNA-CENA-DEC-B.
NULLAZAS-RIGHT-SIDE.
    MOVE ZEROS TO VRSTA-DOKUMENTA-B BROJ-DOKUMENTA-B
        DATUM-DOKUMENTA-GG DATUM-DOKUMENTA-MM
        DATUM-DOKUMENTA-DD VRSTA-PROMENE-B
        BRISANJE-B GRADILISTE-B OBR-JEDINICA-B
        BR-REKAPITULACIJE-B DRUGI-KONTO-B
        DRUGI-MAGACIN-B.
SIGNAL.
    CALL "ZNVTTM" USING VTCRB POSTA HDS-STAT.
    MOVE SPACES TO POSTA.

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ERROR-MSG SECTION.

START-ERROR-MSG.

MOVE PORUKA (MESSAGE-NUMBER) TO UZENET.
CALL "ZNVIMM" USING VTCRB UZENET HDS-STAT.
CALL "ZNVIMR" USING VTCRB VALASZ HDS-STAT.
MOVE SPACES TO UZENET.

STATUS-SOR SECTION.

STATUS-ROW-PARAGRAPH.

IF MODIFY-MOD
MOVE "MODIFIKACIJA" TO MOD-FIELD
ELSE
MOVE " UNOS " TO MOD-FIELD.
MOVE REL-KEY TO STAMPARIJA-REL-KEY.
MOVE COUNTER-FIELD TO STAMPARIJA.
STRING " MAT10-1 " PATHNAME " "
STAMPARIJA-REL-KEY " " MOD-FIELD "
STAMPARIJA " " DELIMITED BY SIZE
INTO STATUSNA-LINIJA.
CALL "ZNVXFR" USING VTCRB STATUSNA-LINIJA
STAT-FIELD HDS-STAT
CALL "ZNVWRF" USING VTCRB STAT-FIELD HDS-STAT.

RETURN-TO-DOS SECTION.

START-OF-RETURN.

IF REL-KEY < 2
GO IDE-GYERE.
MOVE REL-KEY TO MEM-REL-KEY.
MOVE 1 TO REL-KEY.
PERFORM CITANJE-DATOTEKE IN RUTINOK.
MOVE MEM-REL-KEY TO LAST-FREE-RECORD.
IF COUNTER-FIELD = ZBIR-B
MOVE ZEROS TO ENTRY-COMPLETED
ELSE
MOVE 1 TO ENTRY-COMPLETED.
MOVE ZBIR-B TO TOTAL-EXPECTED.
MOVE COUNTER-FIELD TO TOTAL-CURRENT.
MOVE ZEROS TO EXIT-CODE.
REWRITE FIRST-RECORD INVALID MOVE 3 TO KAPCSOLO.
MOVE "E" TO MOD.
CALL "MAT62" USING PATHNAME MOD STAT.
IDE-GYERE.
CLOSE KONFIG MAGACX MANOMX MAVPX KUGOX
KONTOX ORG88X MAGRADX MASINX MAPON.
MOVE "REMOVE 10 -FORCE"
TO GET-COMMAND.
CALL "ZXEXCL" USING GET-COMMAND GET-STATUS.
END COBOL.