

Program Pemakaian Indeks pada Tabel.

IDENTIFICATION DIVISION.

PROGRAM-ID. INDEKS-01.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

01 DAFTAR-NILAI-SISWA.

02 FILLER PIC X(10) VALUE 'ANA'.

02 FILLER PIC 9(3) VALUE 80.

02 FILLER PIC X(10) VALUE 'ANI'.

02 FILLER PIC 9(3) VALUE 100.

02 FILLER PIC X(10) VALUE 'ALMA'.

02 FILLER PIC 9(3) VALUE 75.

02 FILLER PIC X(10) VALUE 'AZZAHRA'.

02 FILLER PIC 9(3) VALUE 95.

02 FILLER PIC X(10) VALUE 'ALEXANDRA'.

02 FILLER PIC 9(3) VALUE 88.

01 TABEL-NILAI-SISWA REDEFINES DAFTAR-NILAI-SISWA.

02 DATA-NILAI-SISWA OCCURS 5 TIMES
INDEXED BY INDEKS-SISWA.

03 NAMA-SISWA PIC X(10).

03 NILAI-SISWA PIC 9(3).

01 NILAI PIC Z(3).

PROCEDURE DIVISION.

RUTIN-UTAMA.

PERFORM TAMPILKAN-NILAI VARYING INDEKS-SISWA
FROM 1 BY 1 UNTIL INDEKS-SISWA > 5.

STOP RUN.

TAMPILKAN.

MOVE NILAI-SISWA(INDEKS-SISWA) TO NILAI.

DISPLAY NAMA-SISWA(INDEKS-SISWA), SPACE, NILAI.

PROGRAM MENCARI DATA (SEARCH)

IDENTIFICATION DIVISION.

PROGRAM-ID. PERINTAH-SEARCH.

ENVIRONMENT DIVISION.

DATA DIVISION.

WORKING-STORAGE SECTION.

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01  TABEL-HARGA-BARANG.  
    02 FILLER PIC X(5) VALUE '10001'.  
    02 FILLER PIC X(10) VALUE 'DISKET'.  
    02 FILLER PIC X(5) VALUE '10002'.  
    02 FILLER PIC X(10) VALUE 'CD-ROM'.  
    02 FILLER PIC X(5) VALUE '10003'.  
    02 FILLER PIC X(10) VALUE 'KEYBOARD'.  
    02 FILLER PIC X(5) VALUE '10004'.  
    02 FILLER PIC X(10) VALUE 'PRINTER'.  
    02 FILLER PIC X(5) VALUE '10005'.  
    02 FILLER PIC X(10) VALUE 'MEMORY'.  
    02 FILLER PIC X(5) VALUE '10006'.  
    02 FILLER PIC X(10) VALUE 'BOARD'.  
01  DAFTAR-NAMA-BRG REDEFINES TABEL-HARGA-BARANG.  
    02 DATA-NAMA-BRG OCCURS 5 TIMES  
        INDEXED BY INDEK-BRG.  
        03 KODE-BRG PIC X(5).  
        03 NAMA-BRG PIC X(10).  
01  WS-KODE-BRG PIC X(5).  
01  WS-NAMA-BRG PIC X(10).  
01  WS-JAWAB PIC X.  
    88 LAGI VALUE 'Y', 'y'.  
    88 SELESAI VALUE 'T', 't'.  
01  WS-KETEMU PIC X.  
    88 DATA-KETEMU VALUE 'Y'.
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PROCEDURE DIVISION.

UTAMA.

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    PERFORM ISI-DATA UNTIL SELESAI.  
    STOP RUN.
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ISI-DATA.

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    PERFORM MASUK-KODE.  
    PERFORM CARI-DATA.  
    PERFORM TANYA-ISI-LAGI.
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MASUK-KODE.

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    DISPLAY 'KODE-BARANG : '.  
    ACCEPT WS-KODE-BRG.
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CARI-DATA.

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SET INDEK-BRG TO 1.
SEARCH DATA-NAMA-BRG AT END MOVE 'T' TO WS-KETEMU
WHEN WS-KODE-BRG = KODE-BRG(INDEK-BRG)
    MOVE 'Y' TO WS-KETEMU.
IF DATA-KETEMU
    MOVE NAMA-BRG(INDEK-BRG) TO WS-NAMA-BRG
    DISPLAY 'NAMA BARANG : ', WS-NAMA-BRG
ELSE
    DISPLAY 'DATA TIDAK ADA DALAM DAFTAR'.
TANYA-ISI-LAGI.
DISPLAY 'CARI DATA LAGI (Y/T) ? : '.
ACCEPT WS-JAWAB WITH AUTO-SKIP.
IF NOT(WS-JAWAB='Y' OR 'y' OR 'T' OR 't')
GO TO TANYA-ISI-LAGI.
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