# Cobol Screen Analizi

Source: <http://www.pgrocer.net/Cis12/scrnotes.html>

Full Screen Processing:

* TAB lets you move through the screen
* The data is not actually taken in until the user presses ENTER.(Submit Button)

Simple Cobol1(ID ve Name birleştir. Birleştir butonuna basınca Aynı ekranda göster.)

Ekrana Id ve İsimi gösteren sayfa açılır. Butona basınca bir metod çağırılır. Arkadaki kodun fonksiyonu çağrılır. Dönüş Değeri Ekranda Id+Name alanına yazılır.

DATA DIVISION.

WORKING-STORAGE SECTION.

01 RESPONSEZ.

05 RESPONSE-IN-WS PIC X VALUE "C".

01 DATA-FOR-SCREEN.

05 ID-IN-WS PIC XXXX VALUE 1234.

05 NAME-IN-WS PIC X(20) VALUE AHMET.

05 NAME-PLUS-ID-IN-WS PIC X(20).

SCREEN SECTION.

01 DATA-ENTRY-SCREEN.

05 VALUE "DATA ENTRY SCREEN" BLANK SCREEN LINE 1 COL 35.

05 VALUE "ID #" LINE 3 COL 10.

05 ID-INPUT LINE 3 COL 25

PIC X(4) TO ID-IN-WS.

05 VALUE "NAME" LINE 5 COL 10.

05 NAME-INPUT LINE 5 COL 25

PIC X(20) TO NAME-IN-WS.

05 VALUE "NAME+ID" LINE 7 COL 10.

05 NAME-ID-INPUT LINE 7 COL 25

PIC X(24) FROM NAME-PLUS-ID-IN-WS.

05 VALUE "C – TO MERGE" LINE 11 COL 30.

05 VALUE "ENTER RESPONSE" LINE 14 COL 30.

05 RESPONSE-INPUT LINE 14 COL 45

PIC X TO RESPONSE-IN-WS.

PROCEDURE DIVISION.

B-100-PROCESS.

DISPLAY DATA-ENTRY-SCREEN.

ACCEPT DATA-ENTRY-SCREEN.

B-200-MERGE-ID-AND-NAME.

NAME-PLUS-ID-IN-WS= ID-IN-WS + NAME-IN-WS;

Çözüm:

* Xhtml, Bean ve Servis kodu üretilecek.
* PersonBean.Xhtml: DataFor Screen altındakiler gösterilecek.
* PersonBean : Data For Screen için alanlar olacak.
* PersonBean e submit buttonu için action yazılacak.
* B-100-PROCESS ve B-200-MERGE-ID-AND-NAME gibiler için normal kod üretilecek.

Simple Cobol1 Java Version

SimpleCobol With Screen

**Example #2A:**

This example displays the information on an input record on the screen. The input record has an identification number and a name. In the program the record would be read from the disk and be displayed for the user to view using the screen section.

DATA DIVISION.

FILE SECTION.

FD INPUT-FILE.

01 INPUT-REC.

05 ID-IN PIC XXXX.

05 NAME-IN PIC X(20).

WORKING-STORAGE SECTION.

01 RESPONSEZ.

05 RESPONSE-IN-WS PIC X VALUE "C".

SCREEN SECTION.

01 DATA-ENTRY-SCREEN.

05 VALUE "DATA ENTRY SCREEN" BLANK SCREEN LINE 1 COL 35.

05 VALUE "ID #" LINE 3 COL 10.

05 ID-INPUT LINE 3 COL 25

PIC X(4) FROM ID-IN.

05 VALUE "NAME" LINE 5 COL 10.

05 NAME-INPUT LINE 5 COL 25

PIC X(20) FROM NAME-IN.

05 VALUE "C - TO CONTINUE" LINE 11 COL 30.

05 VALUE "Q - TO QUIT" LINE 12 COL 30.

05 VALUE "ENTER RESPONSE" LINE 14 COL 30.

05 RESPONSE-INPUT LINE 14 COL 45

PIC X TO RESPONSE-IN-WS.

PROCEDURE DIVISION.

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B-100-PROCESS.

READ INPUT-FILE

AT END

MOVE "YES" TO EOF-IND.

PERFORM B-200-LOOP

UNTIL EOF-IND = "YES" OR RESPONSE-IN-WS = "Q".

B-200-LOOP.

DISPLAY DATA-ENTRY-SCREEN.

ACCEPT DATA-ENTRY-SCREEN.

READ INPUT-FILE

AT END

MOVE "YES" TO EOF-IND.

Converted To Java Version Of Below Code