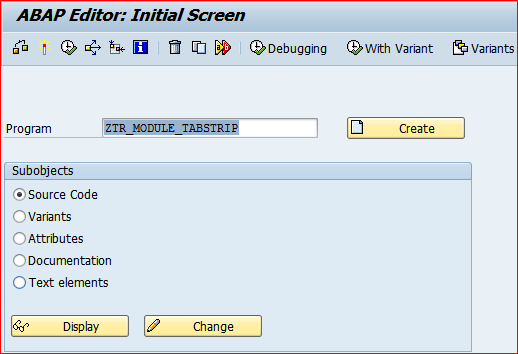
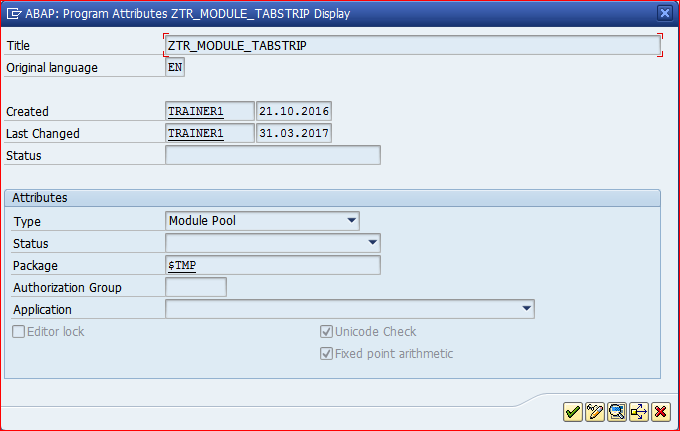
**Module Pool Programming with Tab Strip Control**

***Program theme:*** *In this demo program you will get how to work Module Pool with the Tab Strip Controls and the result displayed in the table format.*

**Step # 1:** Go to SE38 / SE80 Transaction code and create a Module Pool Program (Program Type – M).



**Step # 2:** Provide the title and select program type Module Pool - M and click on save button.



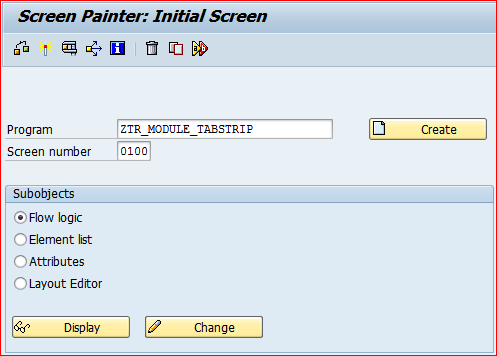
**Step # 3:** Save it in the package.

**Step # 4:** Write module pool program code logic based on the events.

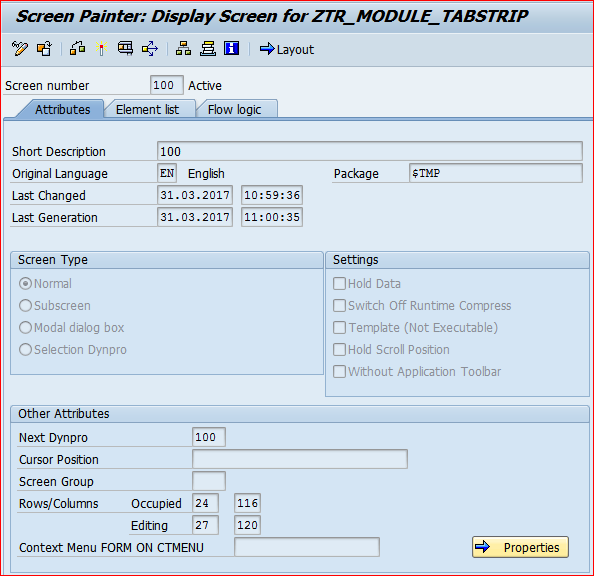
*\*&---------------------------------------------------------------------\**  
*\*& Modulpool  ZTR\_MODULE\_TABSTRIP*  
*\*&---------------------------------------------------------------------\**  
PROGRAM ZTR\_MODULE\_TABSTRIP.  
  
TABLES : MARA.  
  
DATA T\_LINKS TYPE TABLE OF TLINE.  
  
CONTROLS TC1 TYPE TABLEVIEW USING SCREEN 120.  
  
CONTROLS TABSTRIP TYPE TABSTRIP.  
  
TYPES : BEGIN OF TY\_TAB,  *" LOCAL STRS*  
          MATNR TYPE MATNR , *" Material Number*  
          MBRSH TYPE MBRSH, *" Industry sector*  
          MTART TYPE MTART, *" Material Group*  
          MEINS TYPE MEINS, *" Base Unit of Measure*  
          BRGEW TYPE BRGEW, *" Gross Weight*  
          NTGEW TYPE NTGEW, *" NET Weight*  
        END OF TY\_TAB.  
  
DATA :IT\_TAB TYPE STANDARD TABLE OF TY\_TAB, *"  ITAB*  
      WA\_TAB TYPE TY\_TAB.  *" WORKAREA*  
  
DATA: LV\_MATNR1 TYPE MARA-MATNR,  
      LV\_MATNR2 TYPE MARA-MATNR.  
*\*&---------------------------------------------------------------------\**  
*\*&      Module  STATUS\_0100  OUTPUT*  
*\*&---------------------------------------------------------------------\**  
  
MODULE STATUS\_0100 OUTPUT.  
  
  SET PF-STATUS 'ZTRPFS9'.  
  
ENDMODULE.  
  
*\*&---------------------------------------------------------------------\**  
*\*&      Module  USER\_COMMAND\_0100  INPUT*  
*\*&---------------------------------------------------------------------\**  
  
MODULE USER\_COMMAND\_0100 INPUT.  
  CASE SY-UCOMM.  
    WHEN 'TAB1'.  
  
      TABSTRIP-ACTIVETAB = 'TAB1'.  
  
    WHEN 'TAB2'.  
  
      TABSTRIP-ACTIVETAB = 'TAB2'.  
  
    WHEN 'EXIT'.  
  
      LEAVE PROGRAM.  
  
  ENDCASE.  
ENDMODULE.  
*\*&---------------------------------------------------------------------\**  
*\*&      Module  USER\_COMMAND\_0120  INPUT*  
*\*&---------------------------------------------------------------------\**  
MODULE USER\_COMMAND\_0120 INPUT.  
  
  SELECT MATNR  
         MBRSH  
         MTART  
         MEINS  
         BRGEW  
         NTGEW  
    FROM MARA  
    INTO TABLE IT\_TAB  
    WHERE MATNR  
    BETWEEN LV\_MATNR1 AND LV\_MATNR2.  
ENDMODULE.  
*\*&---------------------------------------------------------------------\**  
*\*&      Module  MAT\_MAST  INPUT*  
*\*&---------------------------------------------------------------------\**  
*\*       text*  
*\*----------------------------------------------------------------------\**  
MODULE MAT\_MAST INPUT.  
  
  DATA: BEGIN OF IT\_TAB2 OCCURS 0,  
  
         MATNR TYPE MATNR,  
  
        END OF IT\_TAB2.  
  
  SELECT MATNR FROM MARA INTO TABLE IT\_TAB2.  
  
  CALL FUNCTION 'F4IF\_INT\_TABLE\_VALUE\_REQUEST'  
    EXPORTING  
      RETFIELD    = 'MATNR'  
      DYNPPROG    = SY-REPID  
      DYNPNR      = SY-DYNNR  
      DYNPROFIELD = 'MATNR'  
      VALUE\_ORG   = 'S'  
    TABLES  
      VALUE\_TAB   = IT\_TAB2.  
  IF SY-SUBRC <> 0.  
*\* Implement suitable error handling here*  
  ENDIF.  
  
ENDMODULE.  
*\*&---------------------------------------------------------------------\**  
*\*&      Module  MAT\_HELP  INPUT*  
*\*&---------------------------------------------------------------------\**  
*\*       text*  
*\*----------------------------------------------------------------------\**  
MODULE MAT\_HELP INPUT.  
  
  CALL FUNCTION 'HELP\_OBJECT\_SHOW'  
    EXPORTING  
      DOKCLASS          = 'TX'  
      DOKLANGU          = SY-LANGU  
      DOKNAME           = 'DEMO\_FOR\_F1\_HELP'  
      DOKTITLE          = 'MAT MASTER HELP'  
      CALLED\_BY\_PROGRAM = SY-REPID  
      CALLED\_FOR\_TAB    = 'MARA'  
      CALLED\_FOR\_FIELD  = 'LV\_MATNR1'  
    TABLES  
      LINKS             = T\_LINKS  
   .  
  IF SY-SUBRC <> 0.  
*\* Implement suitable error handling here*  
  ENDIF.  
  
ENDMODULE.

**Step # 5:** Go to SE51/ SE80 Transaction code and provide the Module Pool Program Name and Screen Number.

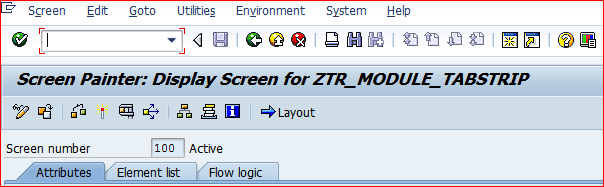
Note: Module pool program name and screen program name should be same and for screen number you can enter any number other than 1000 (screen number 1000 is reserved for the selection screen - reporting).



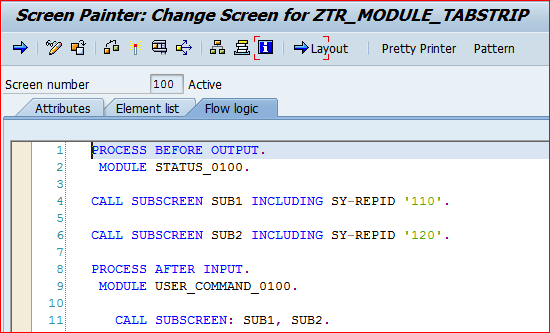
**Step # 6:** Provide the short description and select the screen type radio button Normal.



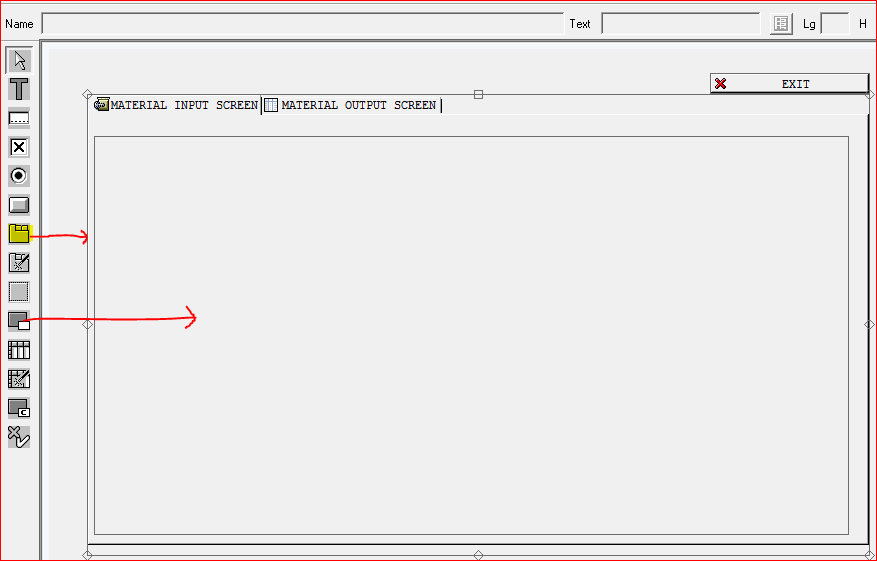
**Step # 7:** Click on Layout button to design the First Screen 100.



**Step # 8:** Click on the Flow Logic and write the code as showed in the below screen.

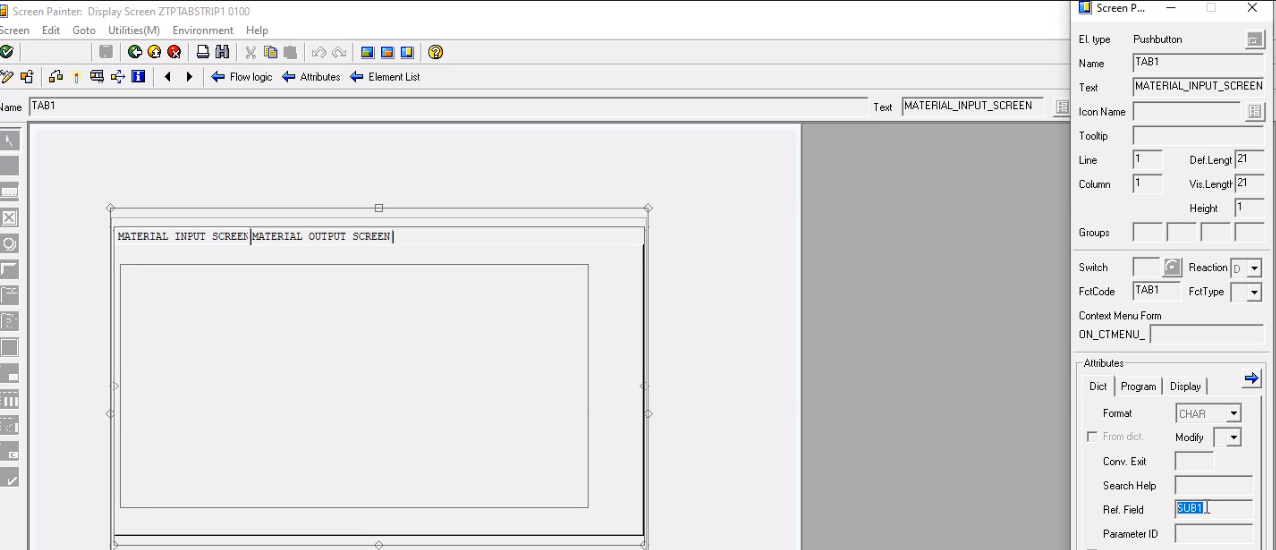


**Step # 9:** Go to Layout, Design the Normal Screen 100 with TAB STRIP and SUBSCREENS

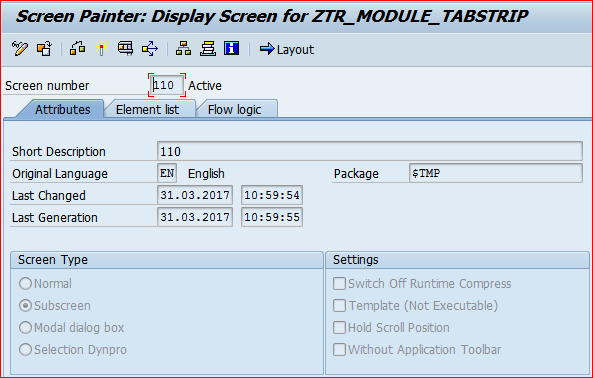


IN REF FIELD , give SUB1 for first tab

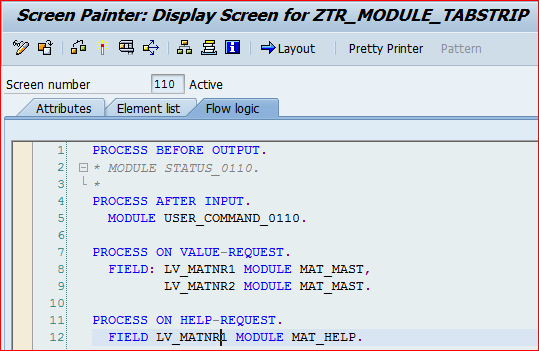
Similary , give Sub2 for second tab.



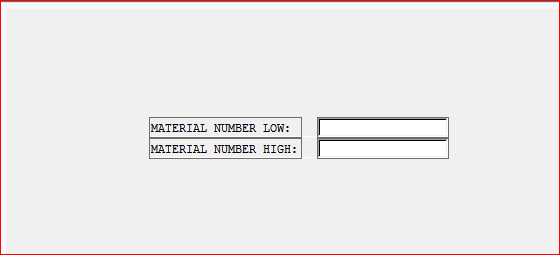
**Step # 10:** Back to initial screen and create the screen 110. Provide the short description and select the screen type radio button subscreen.



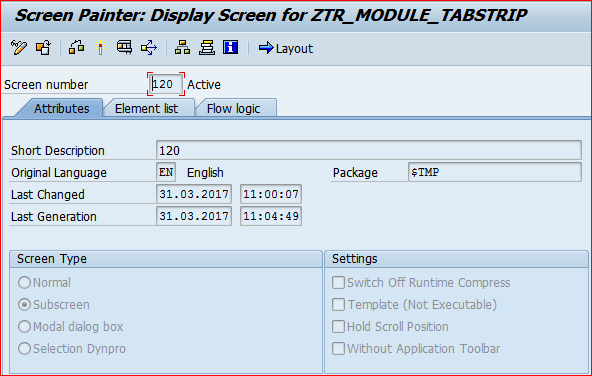
**Step # 11:** Click on the Flow Logic and write the code as showed in the below screen.



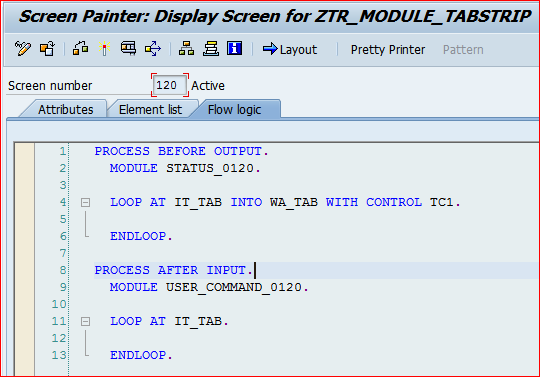
**Step # 12:** Go to Layout, Design the two input fields (LV\_MATNR1 and LV\_MATNR2).



**Step # 13:**  Back to initial screen and create the screen 120. Provide the short description and select the screen type radio button subscreen.



**Step # 14:** Click on the Flow Logic and write the code as showed in the below screen.



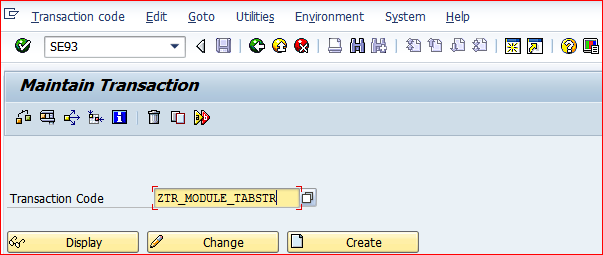
**Step # 15:** Go to Layout, Design with table control for output display.



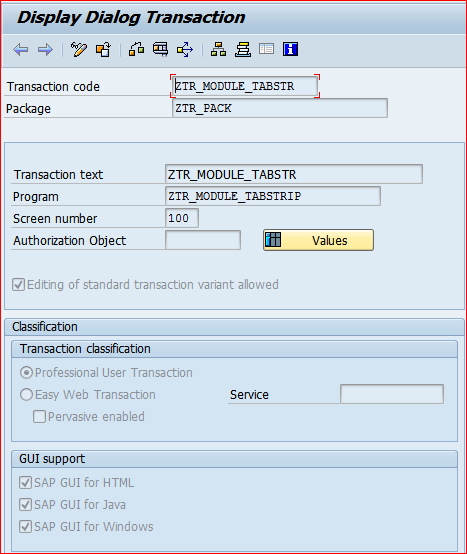
**Step # 16:** Activate the Screen 100, 110 and 120.

**Step # 17:** Activate the SE38 / SE80 Module Pool Program.

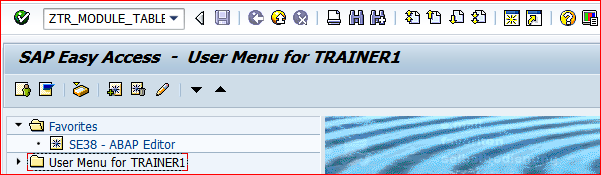
**Step # 18:** Go to Transaction Code SE93 / SE80 to create the user defined module pool t-code for the designed application.



**Step # 19:** Provide the transaction text, program name and initial screen number.



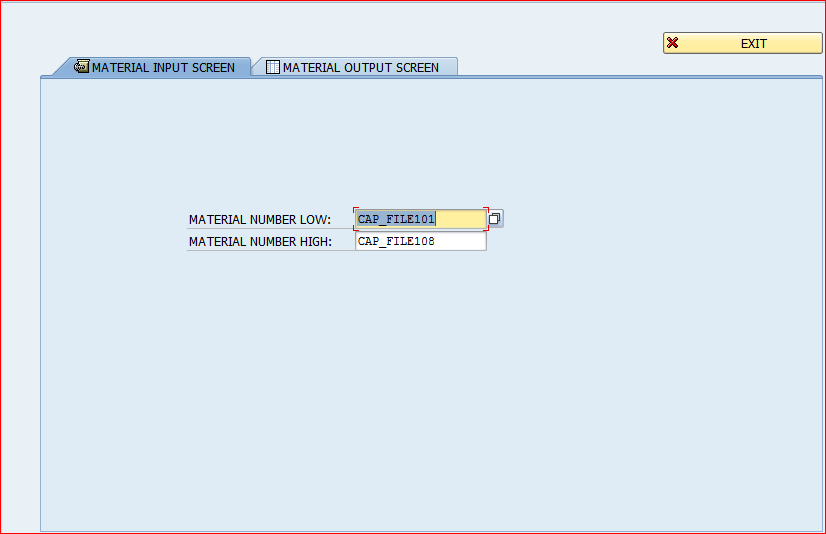
**Step # 20:** Provide the user defined T-Code in the initial screen command and run the Module Pool Application.



**Step # 21:** 1) Click on Tab **MATERIAL INPUT SCREEN** to provide the Inputs.

Click on the F4 (POV Option) Icon and select the Material Number Low and Material Number – High range and click on Tab **MATERIAL OUTPUT SCREEN** to check the result.

2) Click on EXIT Button to leave the program.



**Step # 22:**  Displayed Tab Strip control Output in the Table Control Format.

1) Click on Tab **MATERIAL INPUT SCREEN** to change the input selection again.

2) Click on EXIT Button to leave the program.

