[Call Adobe Form through ABAP Program](https://wiki.scn.sap.com/wiki/display/ABAP/Call+Adobe+Form+through+ABAP+Program)

**Author       : P. Surjith Kumar**

**Company    : Enteg Technologies Pte Ltd., No.9, Jurong Town Hall Road, Unit #03-14, iHub, Singapore 609431.**

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**Author Bio**

I am  working as  SAP Technical Consultant  for the Past 3.5 Years

**Scenario**

Create an Adobe Form and call it through an ABAP Program

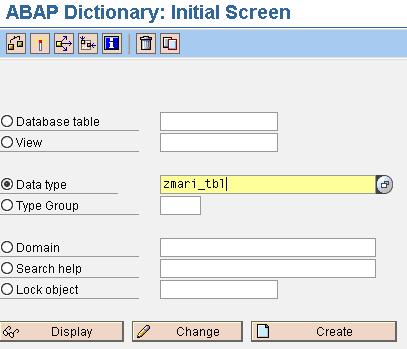
Pre-request:

1)  In the Front End System Adobe Life Cycle Designer has to install. Then only the Adobe Form  Layout  and Adobe form will open in the SAP system  
2)  Adobe Reader 8.0 and above version has to installed

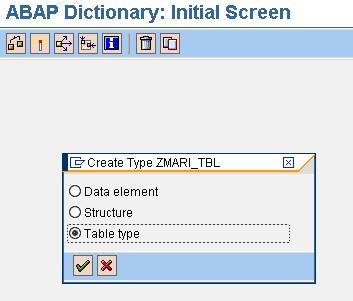
Steps to Create and Call the adobe form

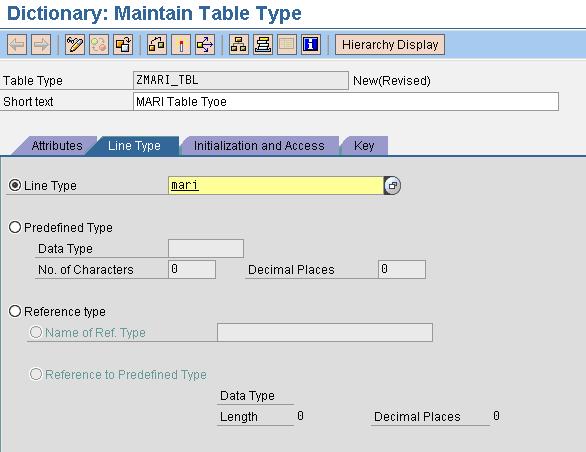
**1)** **Create a Table Type for a Table**  
**2) Create the Interface for the Adobe Form**  
**3)** **Create the Adobe Form and design the layout**  
**4)** **Write a Program to Call the Adobe Form**

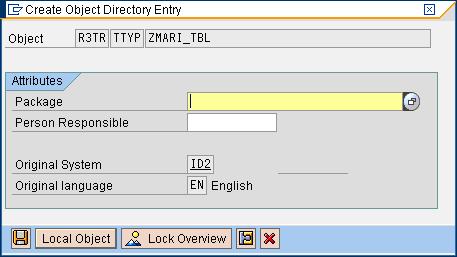
Step by Step Approach

**1)** **Create a** **Table Type for a Table**  
   
Go to the Transaction Code "SE11" and give the Table Type name as "ZMARI\_TBL" 

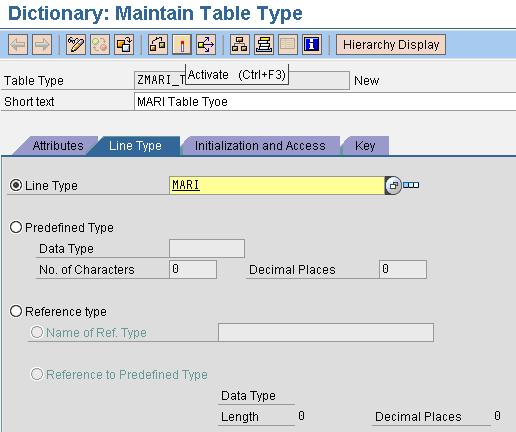
Then click "Create" and a popup will appear as shown below.

  
  
Select the radio button "Table Type" and press enter

  
  
 Enter the Table Name 'MARI' in the line type.  
 Then save it as Local Object and activate it.

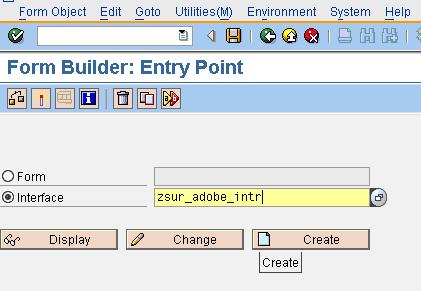


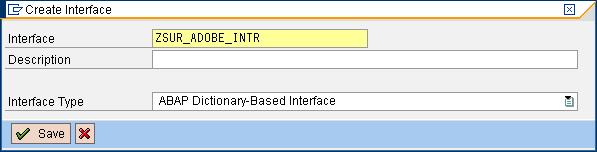
Activate the Table Type.



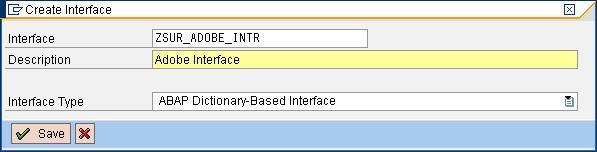
**2) Create the Interface for the Adobe Form**    
Go to Transaction code 'SFP' and create the Interface for the ADOBE FORM

Enter the Interface Name as 'ZSUR\_ADOBE\_INTR' and click "Create"

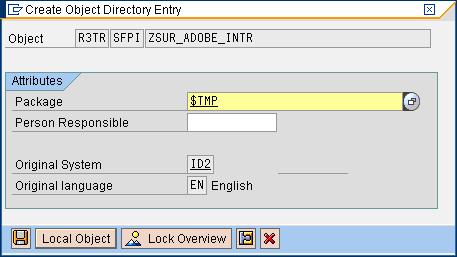
  
   
Give the Description and click save.



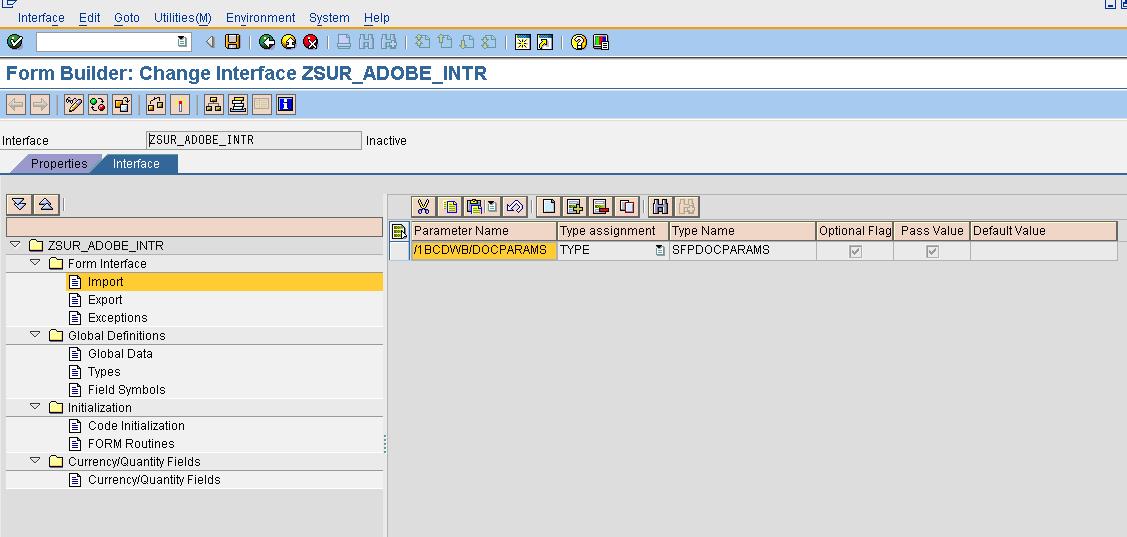
Give Description and press enter



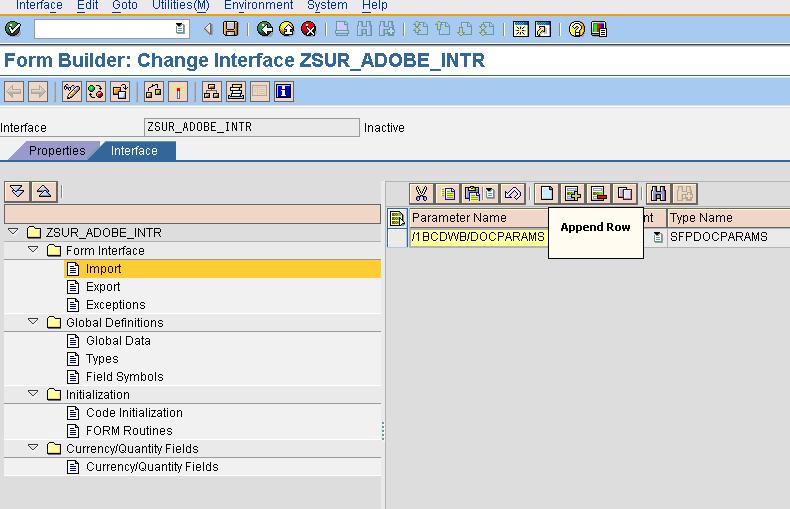
Save as Local Object

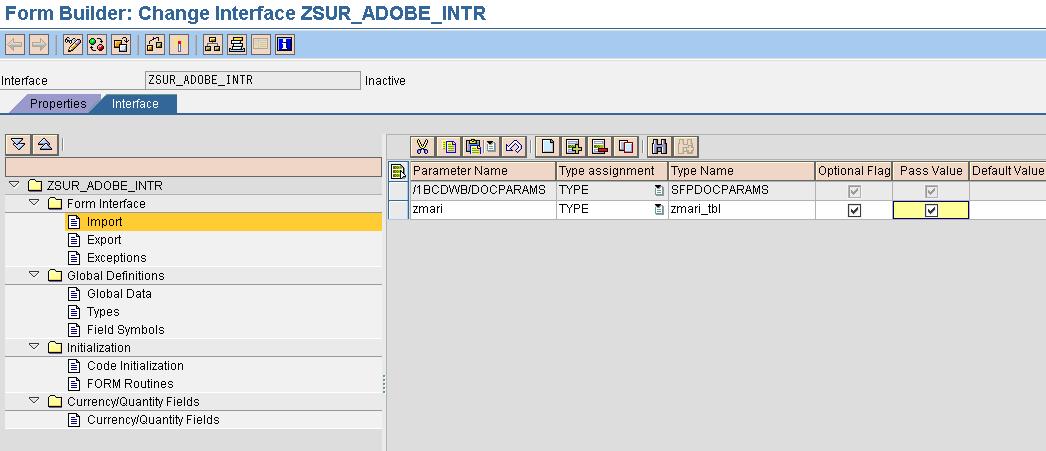


Then the below screen will appear.

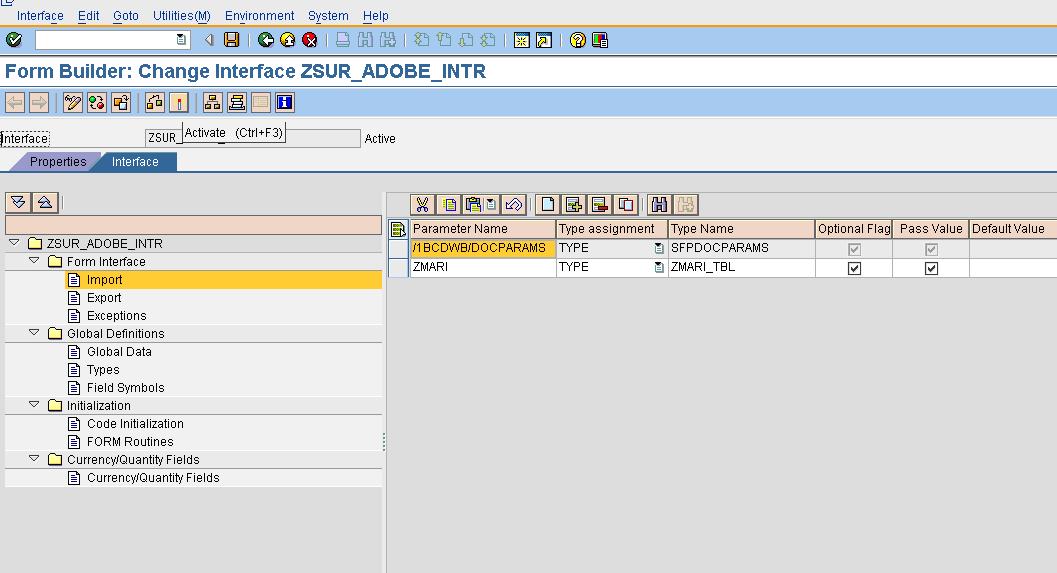


Then Click "Append Row" icon as indicated below.

  
   
Then as new row will inserted and assign the Table Type ZMARI\_TBL value as shown below.

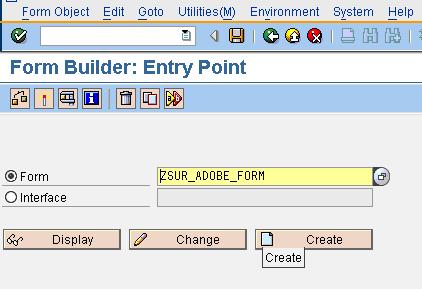


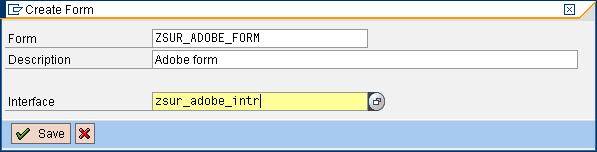
Then activate it.



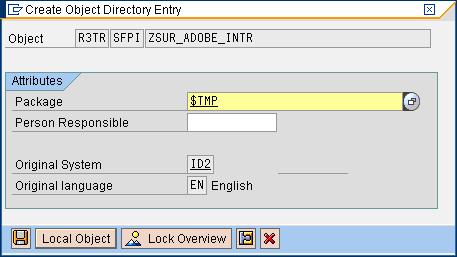
Then go back and Give the Adobe Form name click Create.

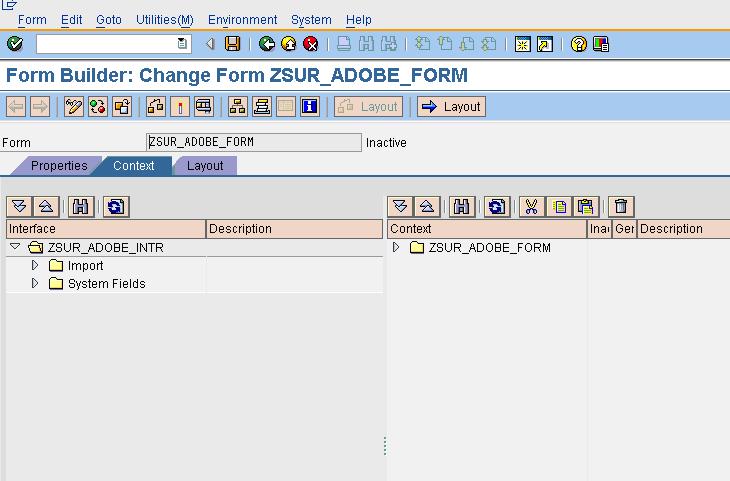
**3) Create Adobe Form and design the layout in the Same Transaction Code "SFP"**

    
   
Give the Description and the Interface name, which just created as indicated below.

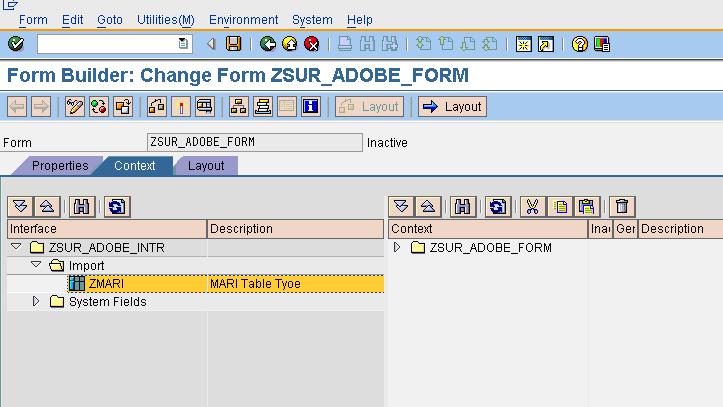


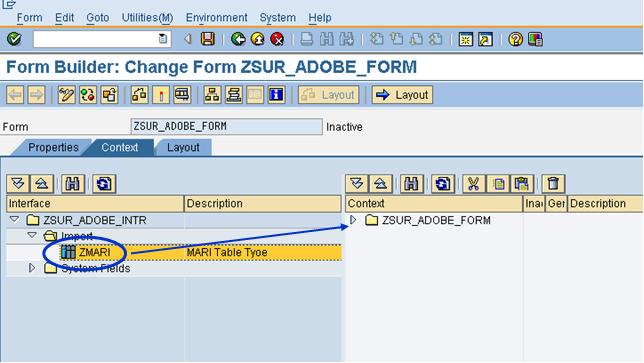
 Then Save as Local Object.

  
   
  Then the below Screen will appear.

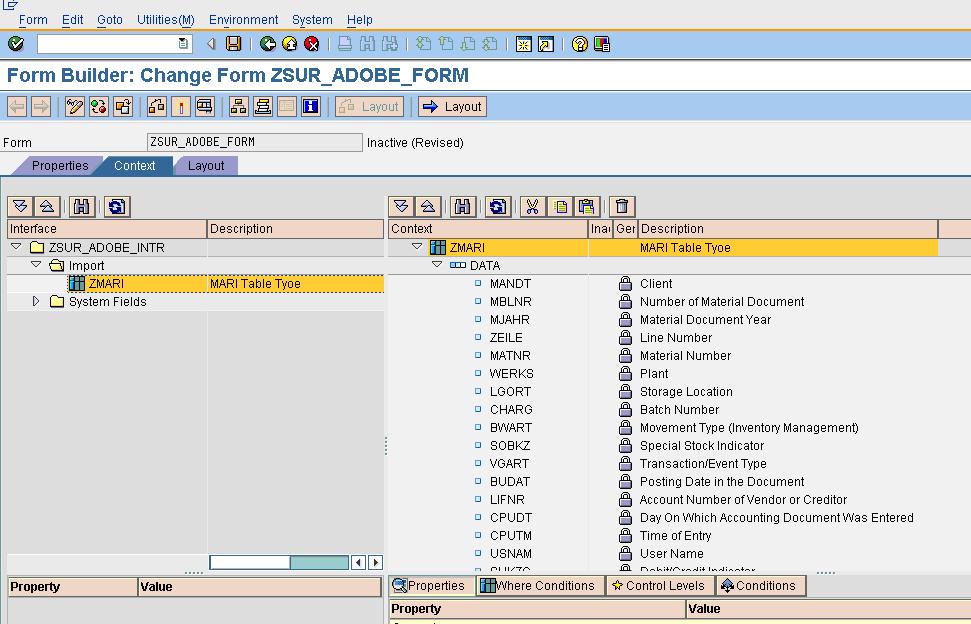


 Expand the import button and you can find the Table Parameter ZMARI.

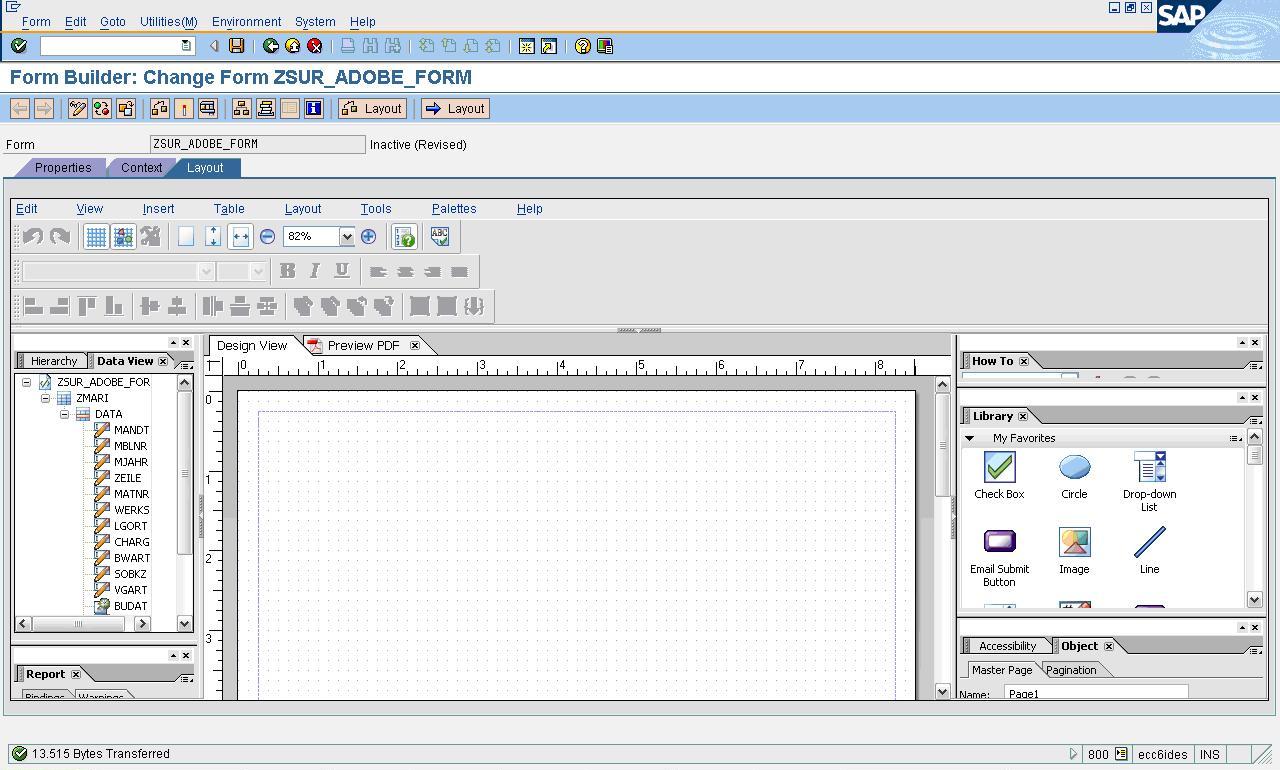
  
   
Then Drag and drop it to the Context as shown below.



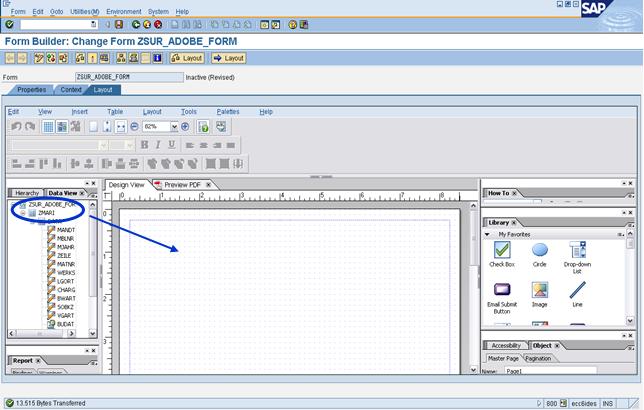
 After Drag and Drop the Table type to Context, then below screen will appear.

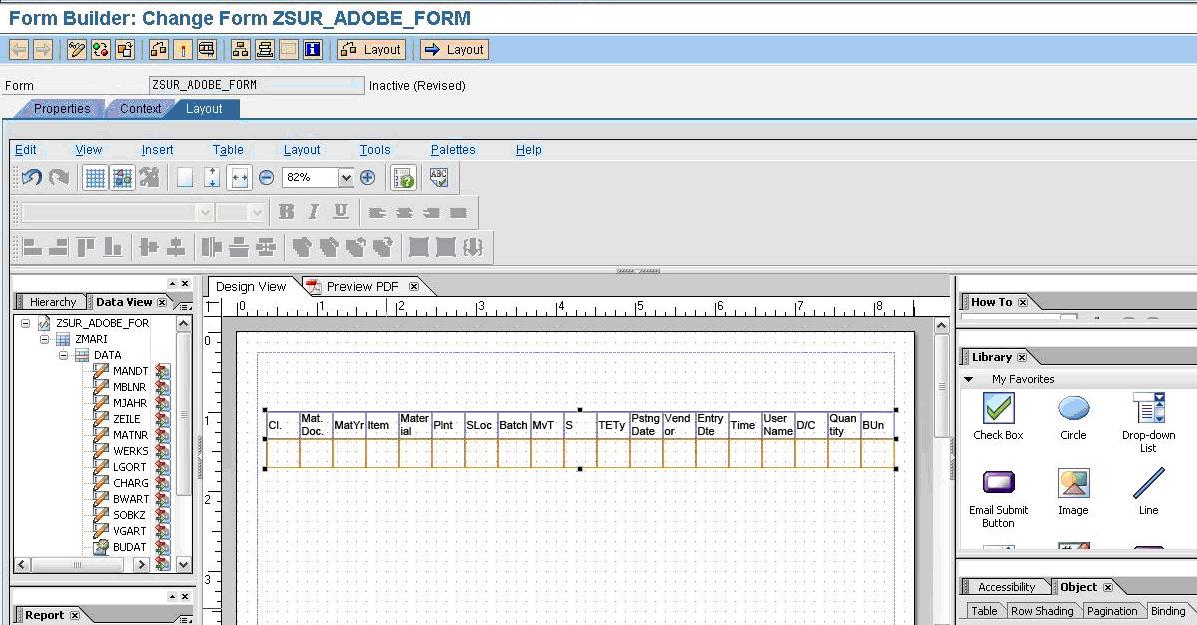


Then Click the "Layout" Tab and the Below Screen will appear.

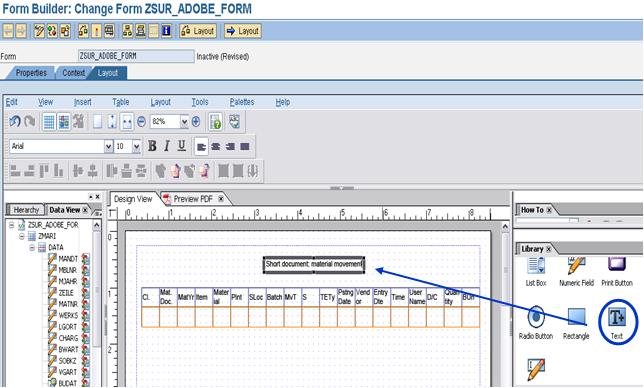


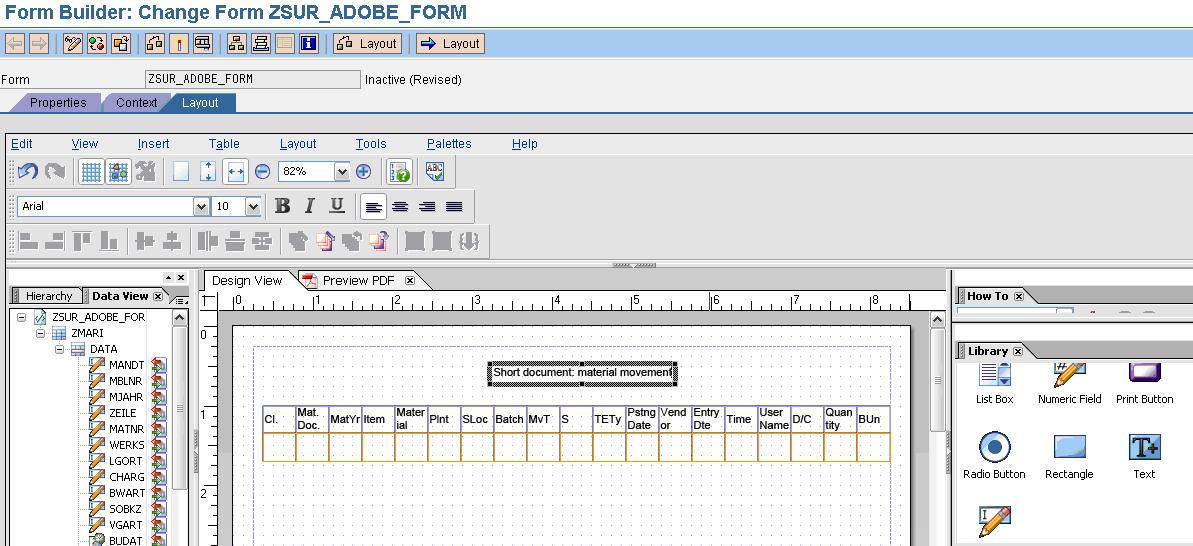
Drag and Drop the table type "ZMARI" to Design View Layout as indicated below.

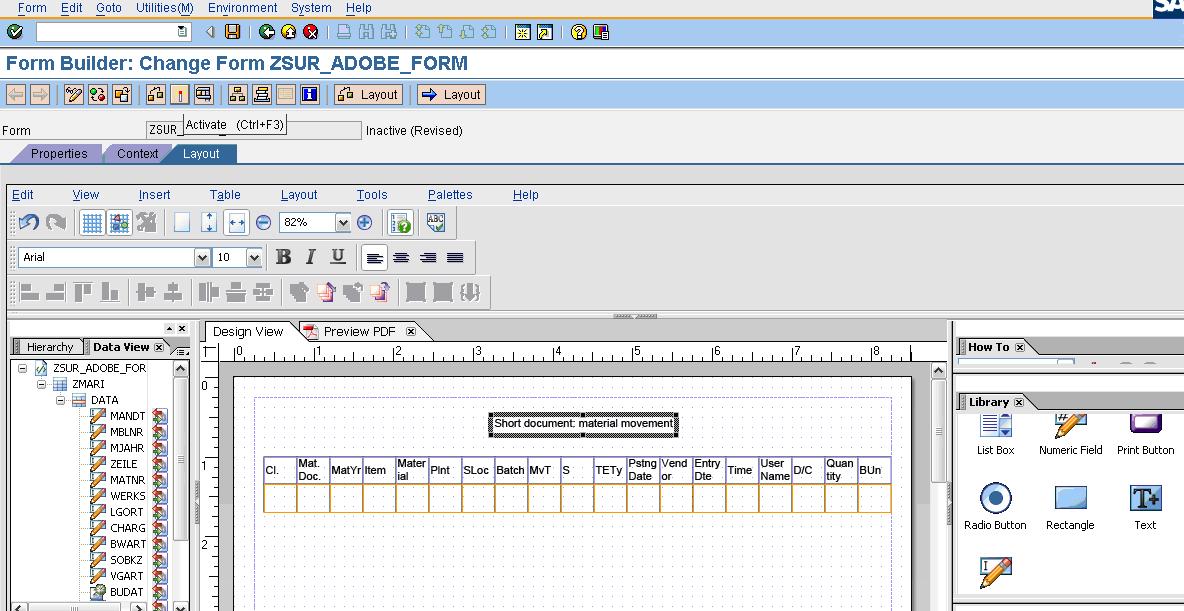


Then adjust the Table in the Top center of the layout as shown below.   
   

Select the 'Text' from the Library and drop it the Layout 'Design" View and give a description to the Table as shown below.

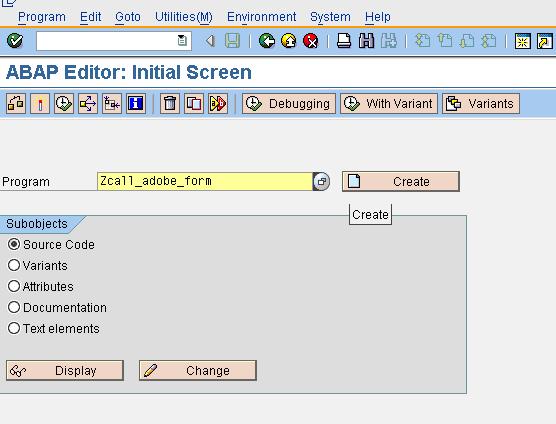
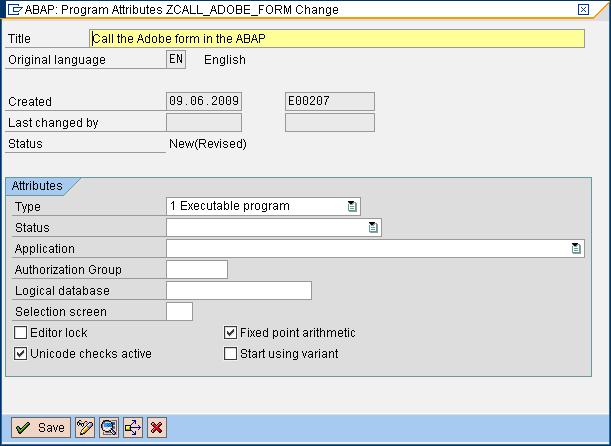


  
   
Then Activate the Adobe form.

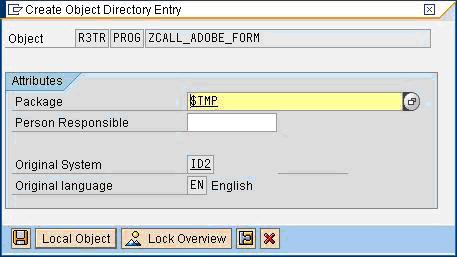
 4)

**4) Write a Program to Call the Adobe Form**

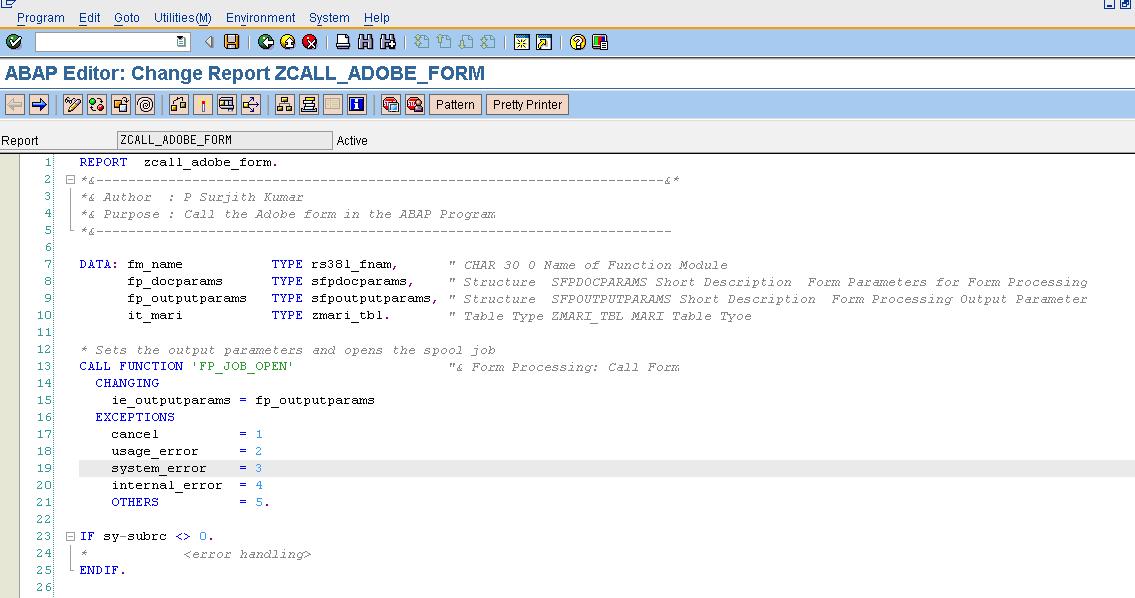
Go to Transaction code SE38 and Create a Test Program "ZCALL\_ADOBE\_FORM".

 Save it as local Object.

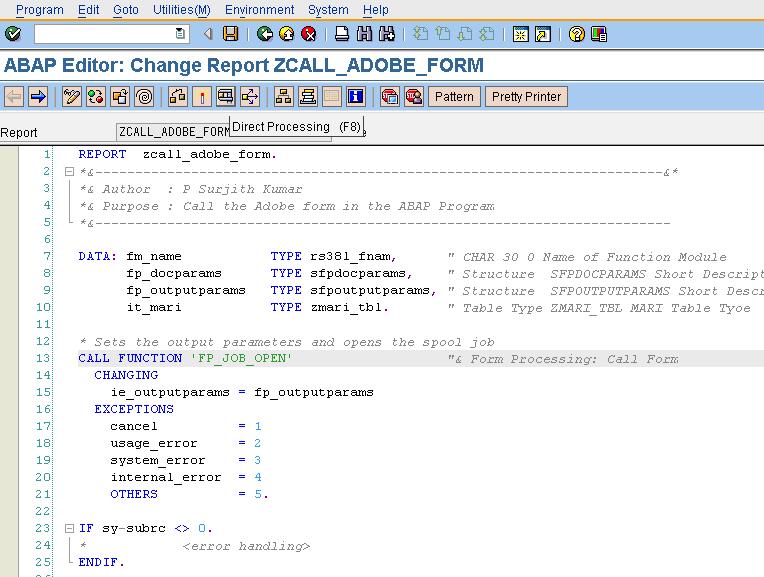


Then enter the Below Code.

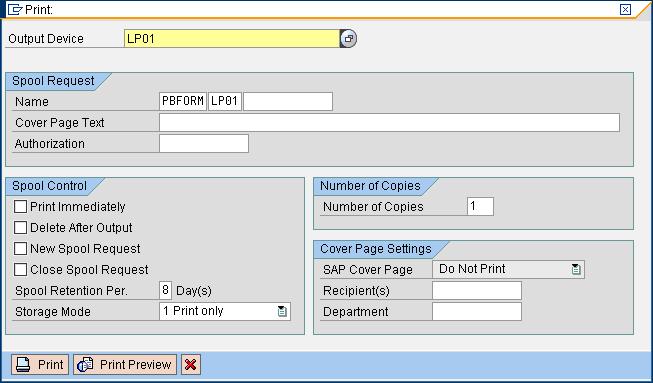


|  |  |
| --- | --- |
| |  | | --- | | REPORT  zcall\_adobe\_form.  &-----------------------------------------------------------------------&  \*& Author  : P Surjith Kumar  \*& Purpose : Call the Adobe form in the ABAP Program  \*&------------------------------------------------------------------------  DATA: fm\_name           TYPE rs38l\_fnam,      " CHAR 30 0 Name of Function Module        fp\_docparams      TYPE sfpdocparams,    " Structure  SFPDOCPARAMS Short Description  Form Parameters for Form Processing        fp\_outputparams   TYPE sfpoutputparams, " Structure  SFPOUTPUTPARAMS Short Description  Form Processing Output Parameter        it\_mari           TYPE zmari\_tbl.       " Table Type ZMARI\_TBL MARI Table Tyoe  \* Sets the output parameters and opens the spool job  CALL FUNCTION 'FP\_JOB\_OPEN'                   "& Form Processing: Call Form    CHANGING      ie\_outputparams = fp\_outputparams    EXCEPTIONS      cancel          = 1      usage\_error     = 2      system\_error    = 3      internal\_error  = 4      OTHERS          = 5.  IF sy-subrc <> 0.  \*            <error handling>  ENDIF.  \*&---- Get the name of the generated function module  CALL FUNCTION 'FP\_FUNCTION\_MODULE\_NAME'           "& Form Processing Generation    EXPORTING      i\_name     = 'ZSUR\_ADOBE\_FORM'    IMPORTING      e\_funcname = fm\_name.  IF sy-subrc <> 0.  \*  <error handling>  ENDIF.  \*-- Fetch the Data and store it in the Internal Table  SELECT \* FROM mari INTO TABLE it\_mari UP TO 15 ROWS.  \* Language and country setting (here US as an example)  fp\_docparams-langu   = 'E'.  fp\_docparams-country = 'US'.  \*&--- Call the generated function module  CALL FUNCTION fm\_name    EXPORTING      /1bcdwb/docparams        = fp\_docparams      zmari                   = it\_mari  \*    IMPORTING  \*     /1BCDWB/FORMOUTPUT       =    EXCEPTIONS      usage\_error           = 1      system\_error          = 2      internal\_error           = 3.  IF sy-subrc <> 0.  \*  <error handling>  ENDIF.  \*&---- Close the spool job  CALL FUNCTION 'FP\_JOB\_CLOSE'  \*    IMPORTING  \*     E\_RESULT             =    EXCEPTIONS      usage\_error           = 1      system\_error          = 2      internal\_error        = 3      OTHERS               = 4.  IF sy-subrc <> 0.  \*            <error handling>  ENDIF. | |

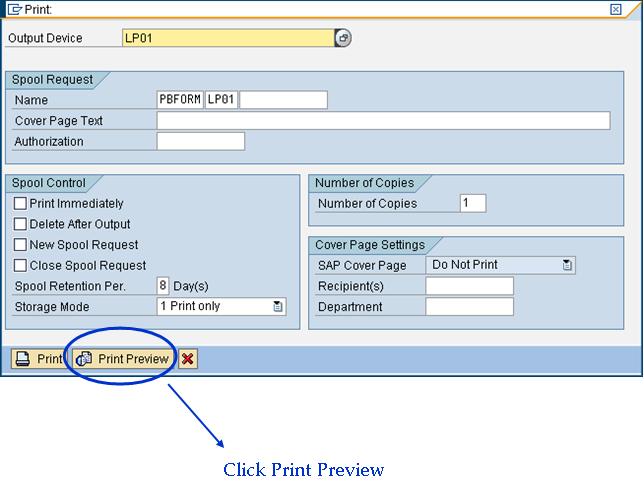
 Then activate and Execute (F8) it.



 Then the printer screen will appear.



Click the Print Preview



Then the Output will shown as below.

