

SDN Community Contribution

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Applies To:

ABAP / SmartForms

Article Summary

This program passes an internal table into the SMARTFORM which displays the Internal in Tabular Form. Attached is the Code Sample and also the screen shots of Smartforms in T-code 'SMARTFORMS' for better understanding on how to display data using Smartforms.

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Company and Title: Wipro Technologies/ ABAP Tech. Consultant.

Date: 12 Apr, 2005

Code Sample

```
*&-----
*&   Nitin Gupta
*&   Wipro technologies, SAP Practice
*&-----
*& This program passes an internal Table into the SAMRTFORM which then
*& prints it in Tabular form.
*****
report znit3.

tables : vbak.

*--declaration of internal table
data : i_vbak type table of znit_smartform.
*
*--declaration of work area
data : wa_vbak type znit_smartform.

*--defining of select options
select-options : s_vbeln      for   vbak-vbeln.

*--defining parameters
parameters      : s_vbtyp type   vbak-vbtyp.

parameters : v_bukrs type t001-bukrs.

data : v_formname type tdsfname value 'ZNIT_FORM',
      v_fmname   type rs38l_fnam.

load-of-program.

*--start of selection events

start-of-selection.
*--SELECTING THE DATA FROM DATABASE INTO INTERNAL TABLE
  select vbeln
         auart
         netwr
         ernam
```

```

        from vbak
        into table i_vbak
        where vbeln in s_vbeln .

    if sy-subrc ne 0.
        message i000(zmsg_demo1) with s_vbtyp
        'NO RECORDS FOUND'.
    endif.

end-of-selection.

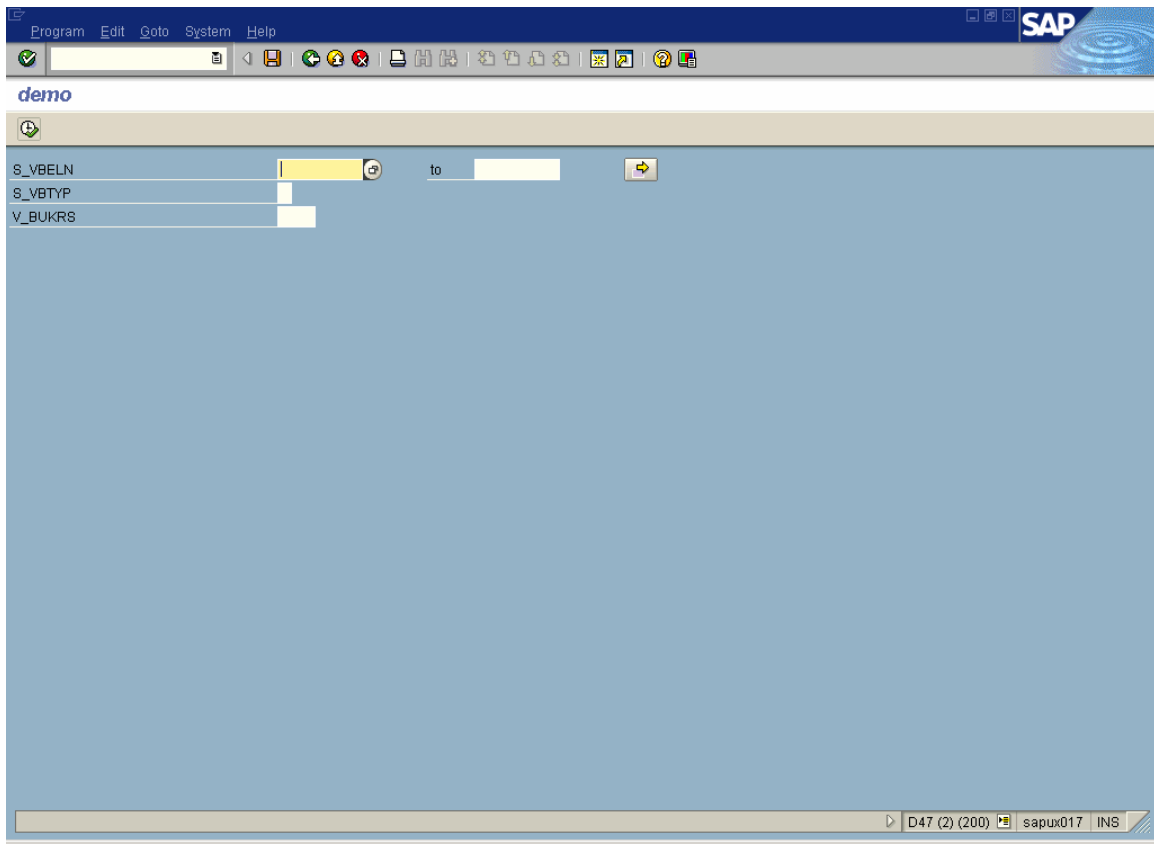
*&-----
*& This function Module returns the function Module Name which the
*& smartform generates after activating it.
*&-----
call function 'SSF_FUNCTION_MODULE_NAME'
    exporting
        formname          = v_formname
    importing
        fm_name            = v_fmname
    exceptions
        no_form            = 1
        no_function_module = 2
        others              = 3
    .

*&-----
*& Here we call the function module generated by the Smartform. After
*& activating each SMAERTFORM generates a unique Function Module which
*& is called in the program. The internal table, and other variables
*& which needs to be displayed are exported through this function module
*& to the SMARTFORM.
*&-----

call function v_fmname
    exporting
        v_bukrs            = v_bukrs
    tables
        i_final            = i_vbak

```



Selection Screen





The image shows the SAP Selection Screen for a program named 'demo'. The interface includes a menu bar (Program, Edit, Goto, System, Help), a toolbar with various icons, and a title bar with the SAP logo. The main area is a light blue background. On the left, there are three input fields for selection criteria: S_VBELN, S_VBTYP, and V_BUKRS. The S_VBELN field is highlighted in yellow and has a search icon (magnifying glass) to its right. A 'to' label is positioned between the S_VBELN and S_VBTYP fields. The S_VBTYP field has a search icon to its right. The V_BUKRS field has a search icon to its right. The status bar at the bottom right shows 'D47 (2) (200)', 'sapux017', and 'INS'.

Program Edit Goto System Help

demo

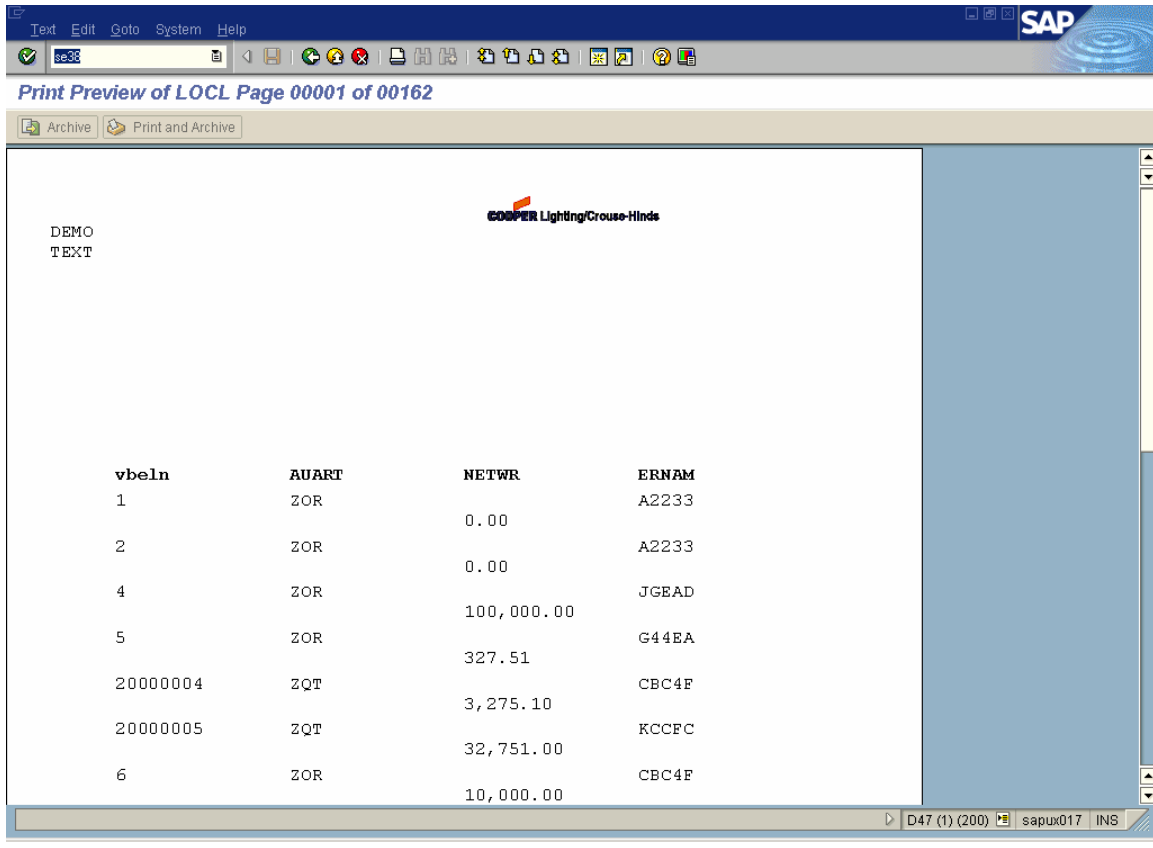
S_VBELN  to 

S_VBTYP 

V_BUKRS 

D47 (2) (200) sapux017 INS

Output Screen 1st Page



The image shows a screenshot of an SAP Print Preview window. The title bar indicates it is a 'Print Preview of LOCL Page 00001 of 00162'. The window contains a table with 4 columns: 'vbeln', 'AUART', 'NETWR', and 'ERNAM'. The table data is as follows:

vbeln	AUART	NETWR	ERNAM
1	ZOR	0.00	A2233
2	ZOR	0.00	A2233
4	ZOR	100,000.00	JGEAD
5	ZOR	327.51	G44EA
20000004	ZQT	3,275.10	CBC4F
20000005	ZQT	32,751.00	KCCFC
6	ZOR	10,000.00	CBC4F

The table is displayed in a standard SAP layout with a blue header bar and a status bar at the bottom showing 'D47 (1) (200)' and 'sapux017 INS'.

SAP				
Text Edit Goto System Help				
Print Preview of LOCL Page 00001 of 00162				
Archive Print and Archive				
20000006	ZQT	8,187.75	CBC4F	
14	ZOR	69.50	CBC4F	
20000009	ZQT	69.50	EAFPE	
16	ZOR	1,000.00	EAFPE	
20000010	ZQT	1,000.00	JGEAD	
20	ZOR	0.00	CBC4F	
21	ZOR	10,000.00	CBC4F	
23	ZOR	10,000.00	A2233	
24	ZOR	328.12	A2233	
25	ZOR	807.75	A2233	
26	ZOR	667.00	A2233	
SD Document	Sales Doc	Net Value	KCCFC	Name
D47 (1) (200) sapux017 INS				

Output Screen 1st Page

Text Edit Goto System Help

SAP

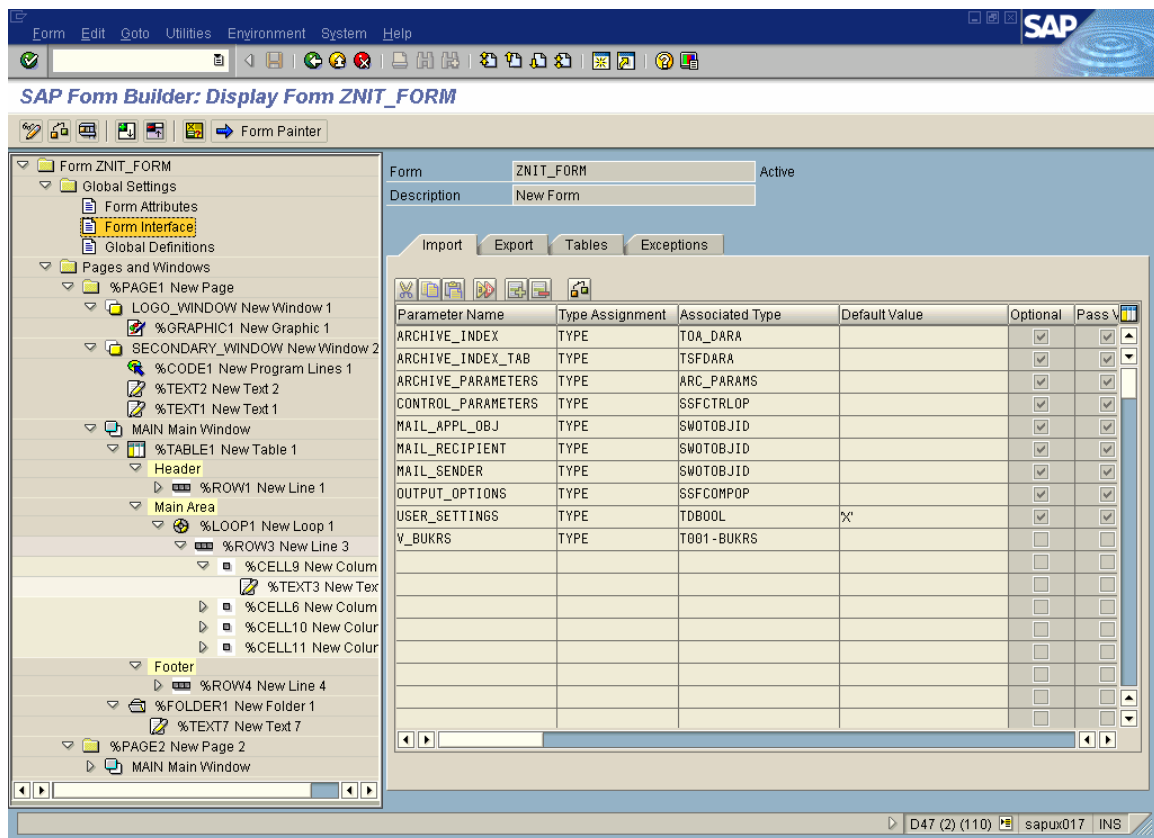
Print Preview of LOCL Page 00162 of 00162

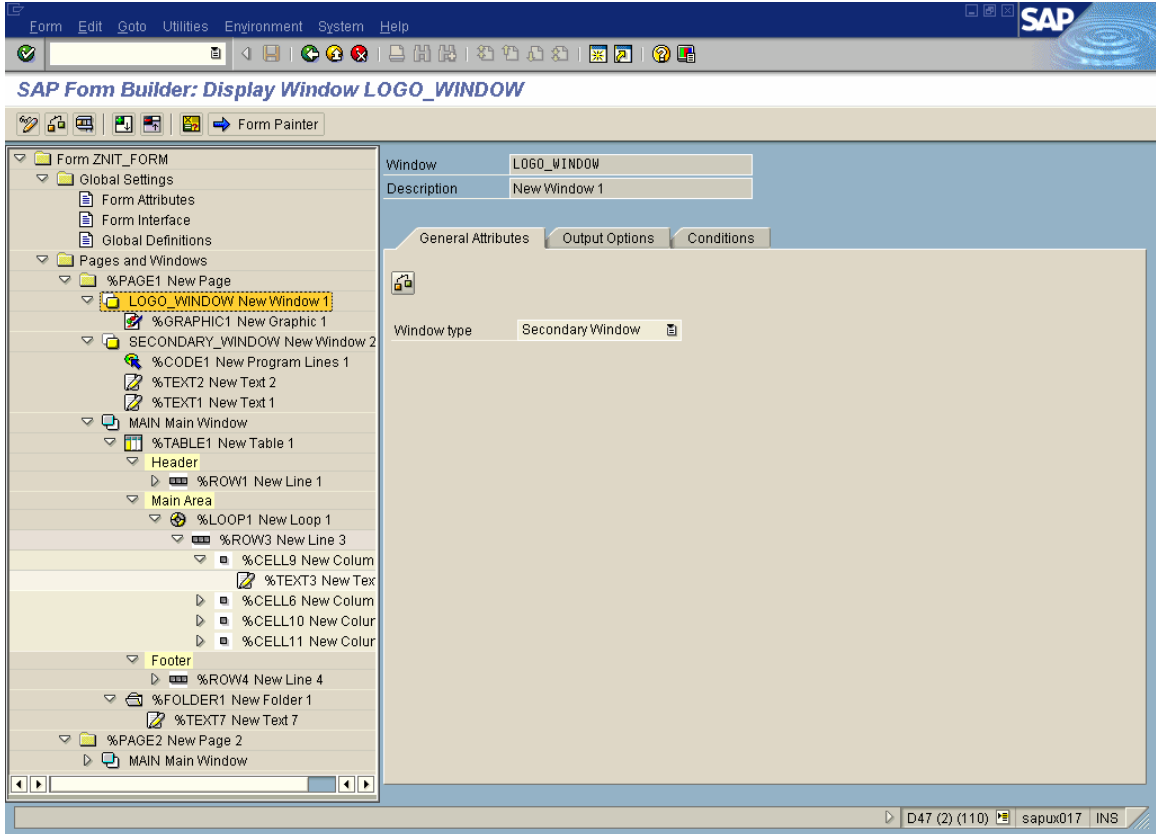
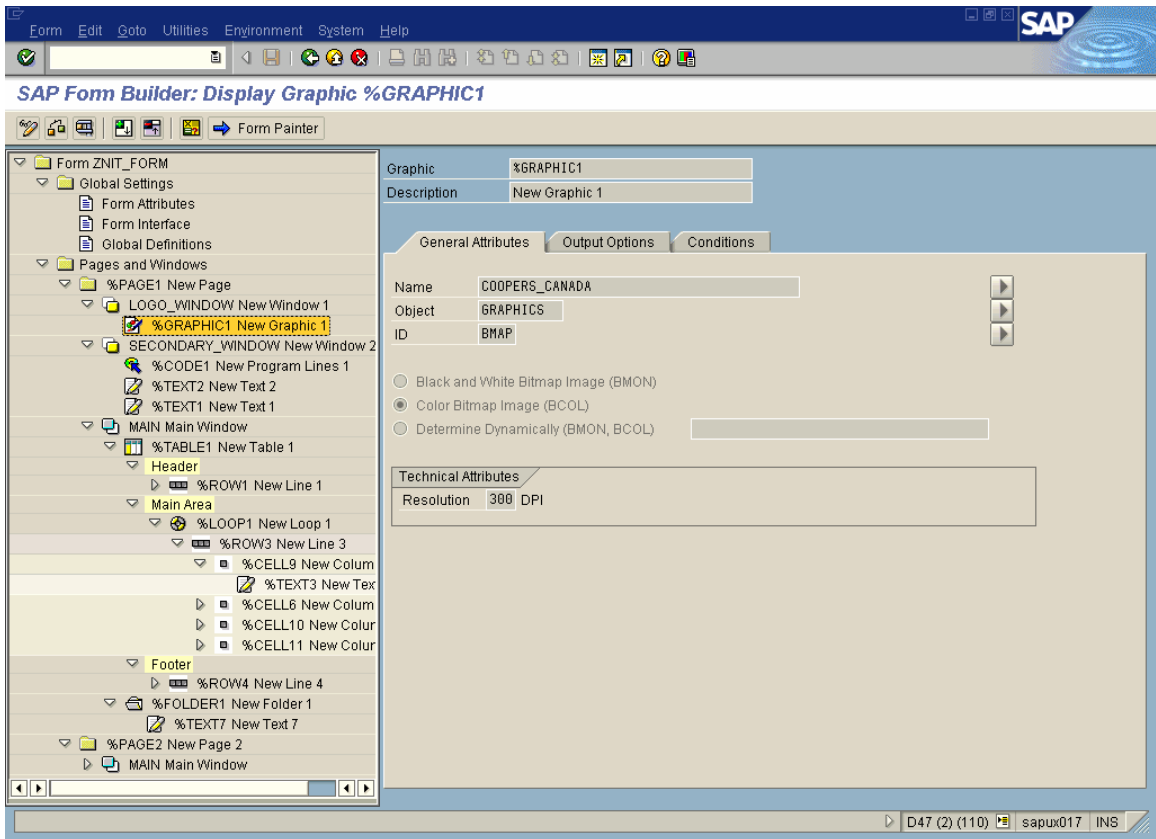
Archive Print and Archive

vbeln	AUART	NETWR	ERNAM
		0.00	
60000587	ZHCR	0.00	BE5116
70000263	ZHDR	0.00	BE5116
60000588	ZHCR	0.00	BE5116
70000264	ZHDR	0.00	BE5116
70000265	ZHDR	0.00	BE5116
60000589	ZHCR	0.00	BE5116
70000266	ZHDR	0.00	BE5116
<u>SD Document</u>	<u>Sales Doc</u>	<u>Net Value</u>	<u>Name</u>
By			
Nitin Gupta			

D47 (1) (200) sapux017 INS

Screen shots of SMARTFORM in T-code SAMARTFORMS





SAP Form Builder: Display Graphic %GRAPHIC1

Form ZNIT_FORM

- Global Settings
 - Form Attributes
 - Form Interface
 - Global Definitions
- Pages and Windows
 - %PAGE1 New Page
 - LOGO_WINDOW New Window 1
 - %GRAPHIC1 New Graphic 1
 - SECONDARY_WINDOW New Window 2
 - %CODE1 New Program Lines 1
 - %TEXT2 New Text 2
 - %TEXT1 New Text 1
 - MAIN Main Window
 - %TABLE1 New Table 1
 - Header
 - %ROW1 New Line 1
 - Main Area
 - %LOOP1 New Loop 1
 - %ROW3 New Line 3
 - %CELL9 New Column
 - %TEXT3 New Text 3
 - %CELL6 New Column
 - %CELL10 New Column
 - %CELL11 New Column
 - Footer
 - %ROW4 New Line 4
 - %FOLDER1 New Folder 1
 - %TEXT7 New Text 7
 - %PAGE2 New Page 2
 - MAIN Main Window

Graphic: %GRAPHIC1
Description: New Graphic 1

General Attributes | Output Options | Conditions

Name: COOPERS_CANADA
Object: GRAPHICS
ID: BMAP

☐ Black and White Bitmap Image (BMON)
☒ Color Bitmap Image (BCOL)
☐ Determine Dynamically (BMON, BCOL)

Technical Attributes
Resolution: 300 DPI

D47 (2) (110) sapux017 INS

SAP Form Builder: Display Program Lines %CODE1

Form ZNIT_FORM

- Global Settings
 - Form Attributes
 - Form Interface
 - Global Definitions
- Pages and Windows
 - %PAGE1 New Page
 - LOGO_WINDOW New Window 1
 - %GRAPHIC1 New Graphic 1
 - SECONDARY_WINDOW New Window 2
 - %CODE1 New Program Lines 1
 - %TEXT2 New Text 2
 - %TEXT1 New Text 1
 - MAIN Main Window
 - %TABLE1 New Table 1
 - Header
 - %ROW1 New Line 1
 - Main Area
 - %LOOP1 New Loop 1
 - %ROW3 New Line 3
 - %CELL9 New Column
 - %TEXT3 New Text 3
 - %CELL6 New Column
 - %CELL10 New Column
 - %CELL11 New Column
 - Footer
 - %ROW4 New Line 4
 - %FOLDER1 New Folder 1
 - %TEXT7 New Text 7
 - %PAGE2 New Page 2
 - MAIN Main Window

Program Lines: %CODE1
Description: New Program Lines 1

General Attributes | Conditions

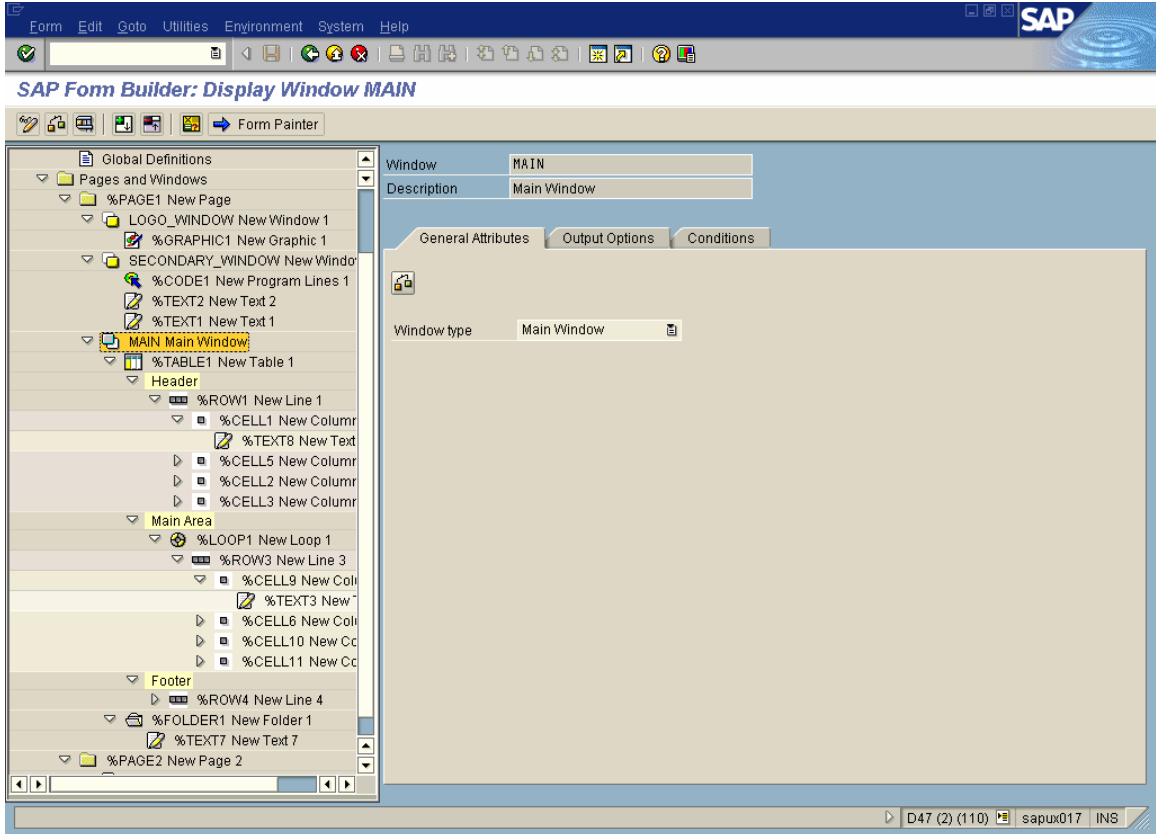
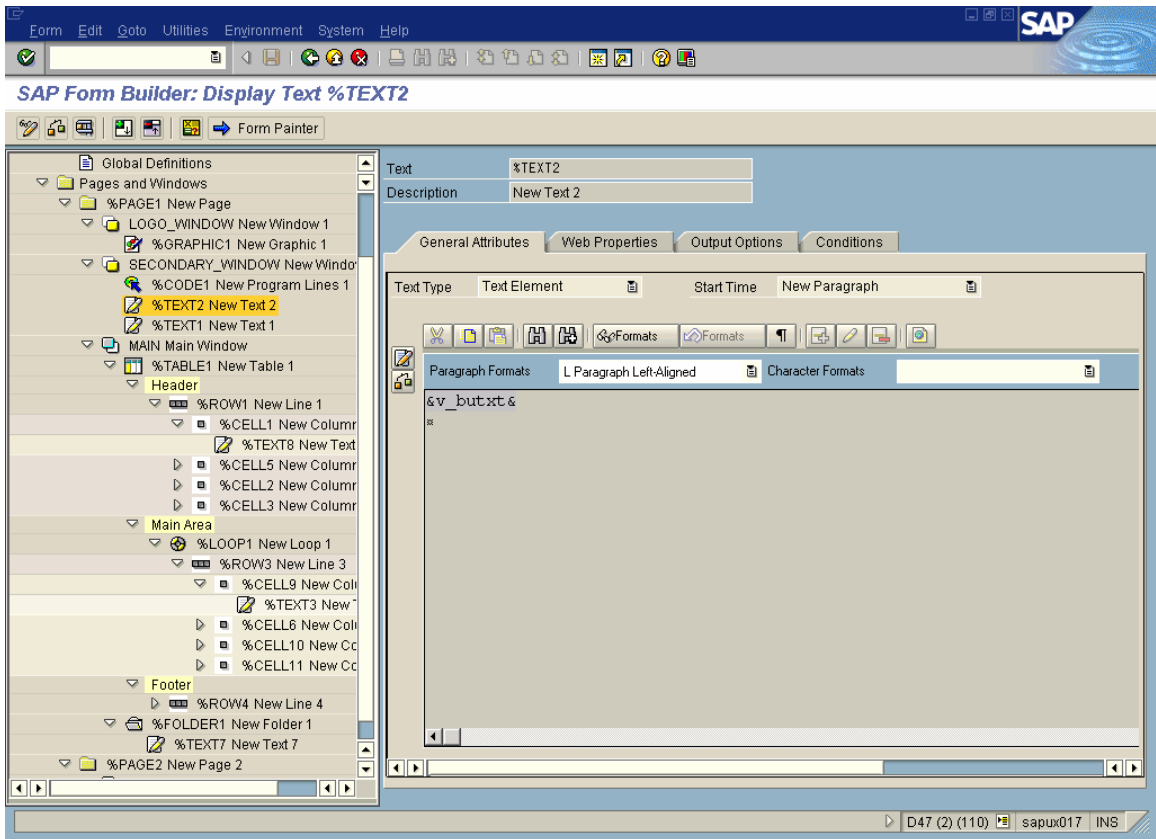
Input Parameters: v_BUKRS
Output Parameters: v_BUTXT

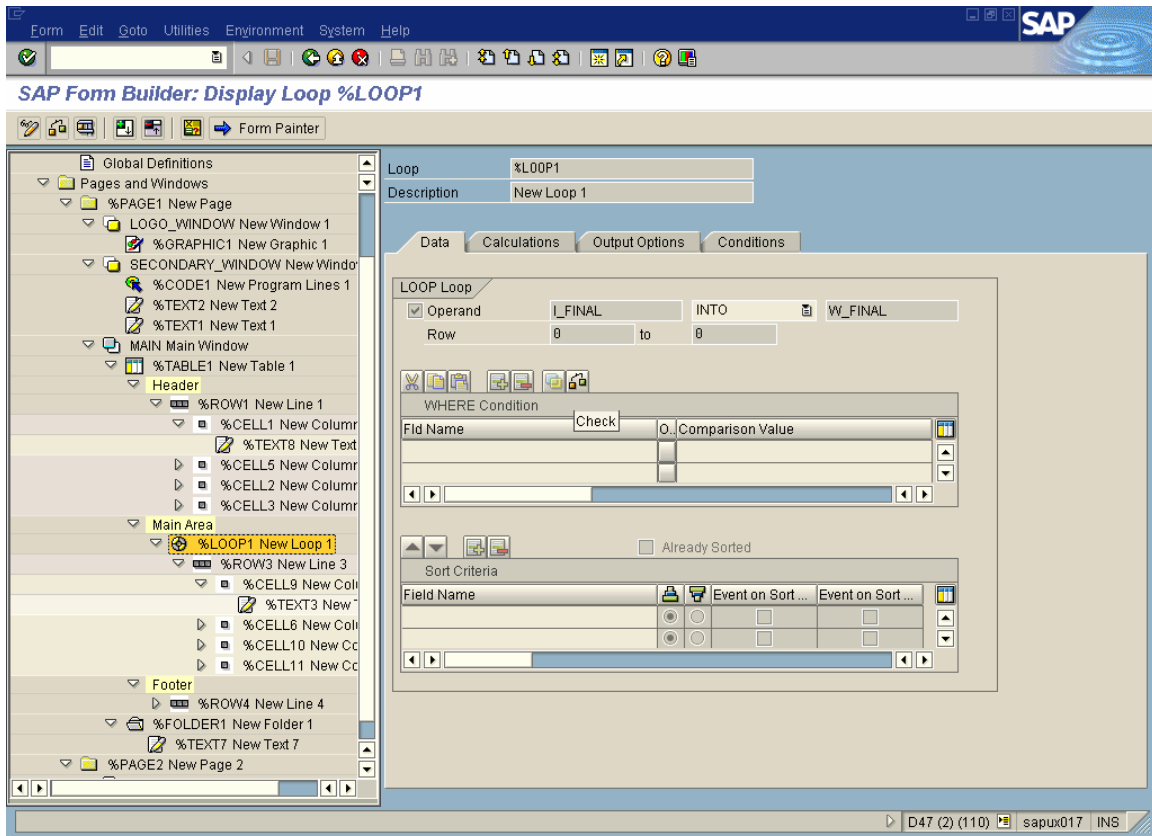
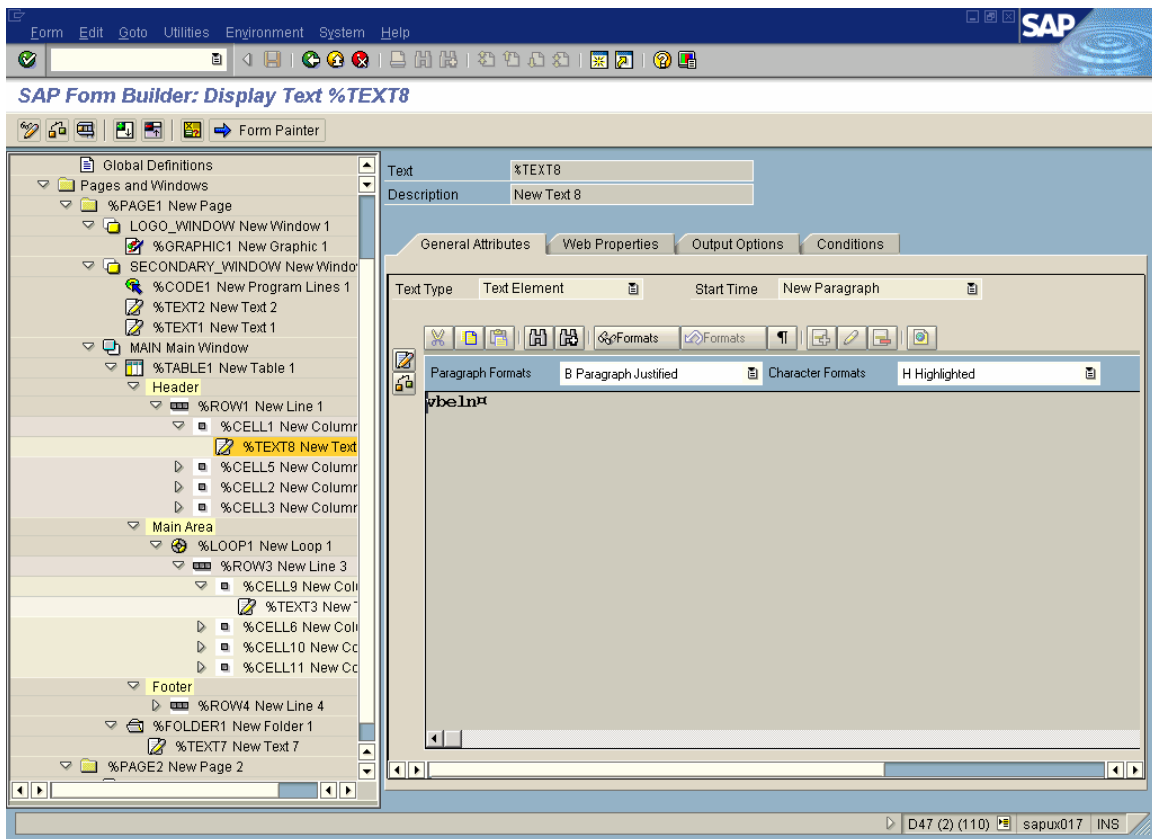
```

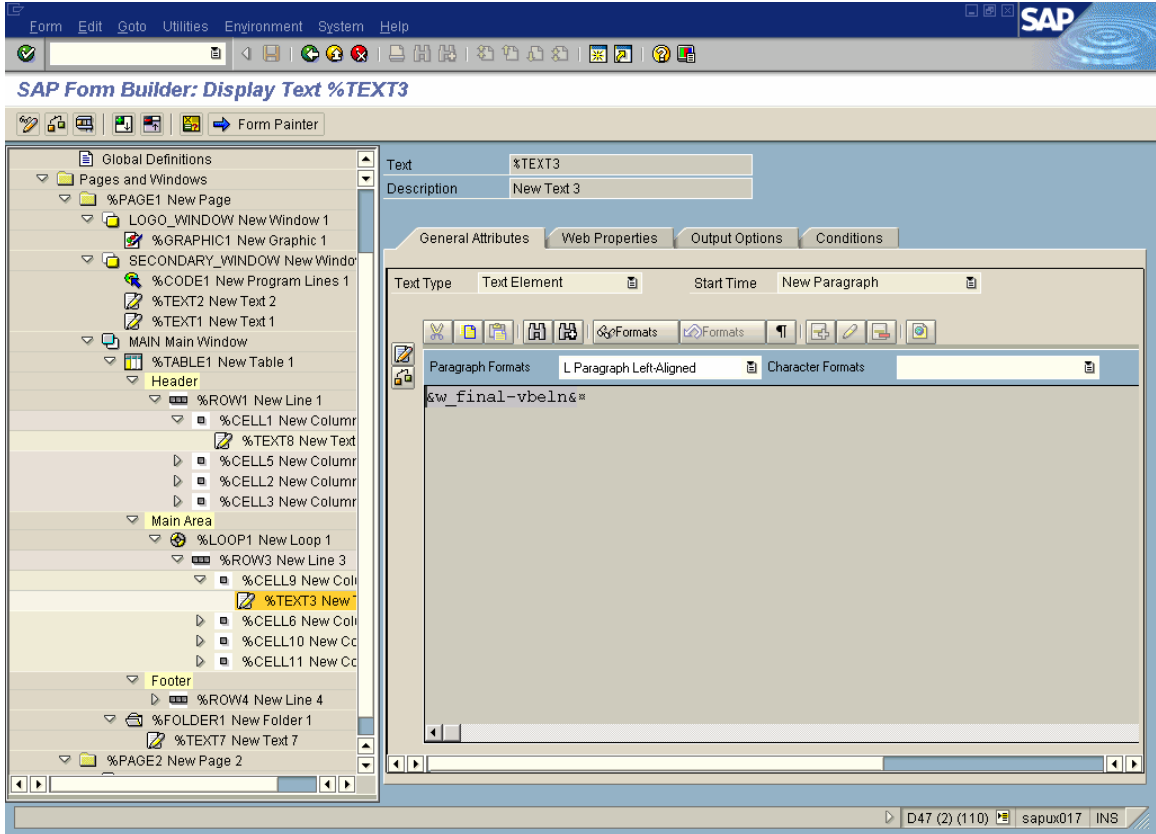
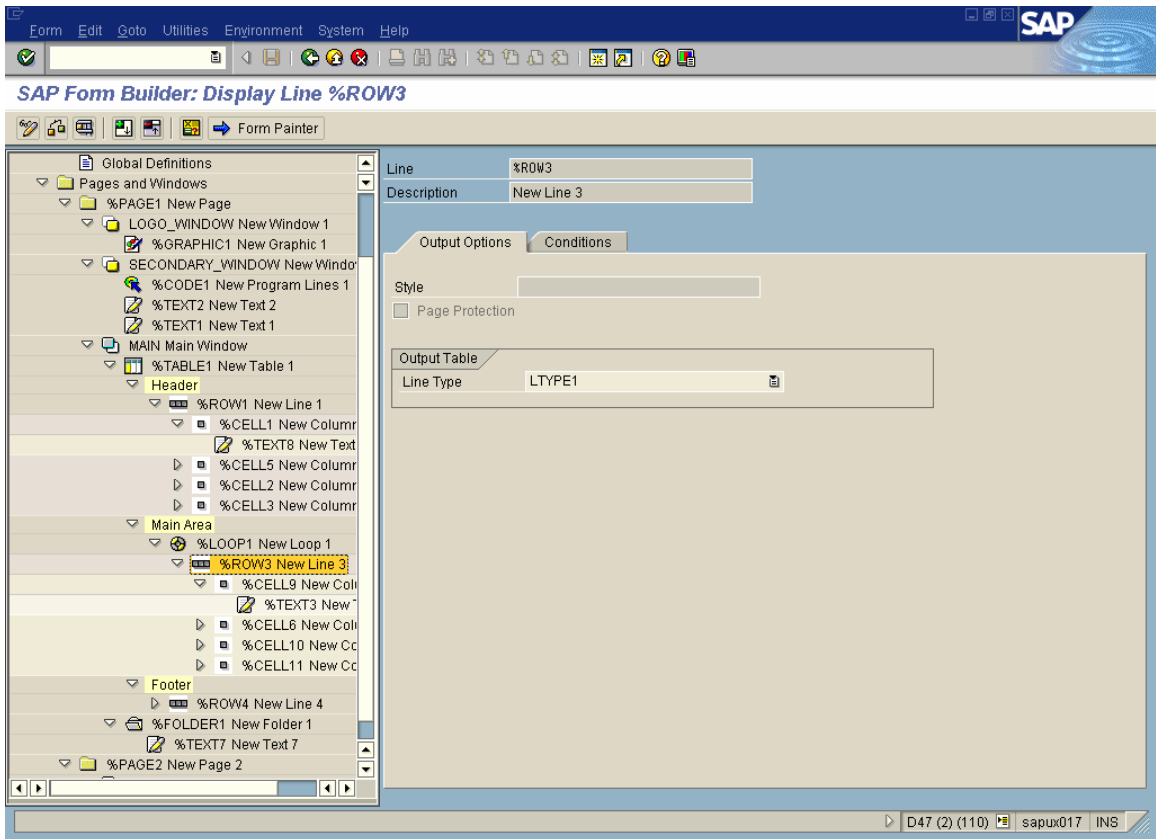
select single butxt
  from t001
 into v_butxt
 where buks eq v_bukrs.

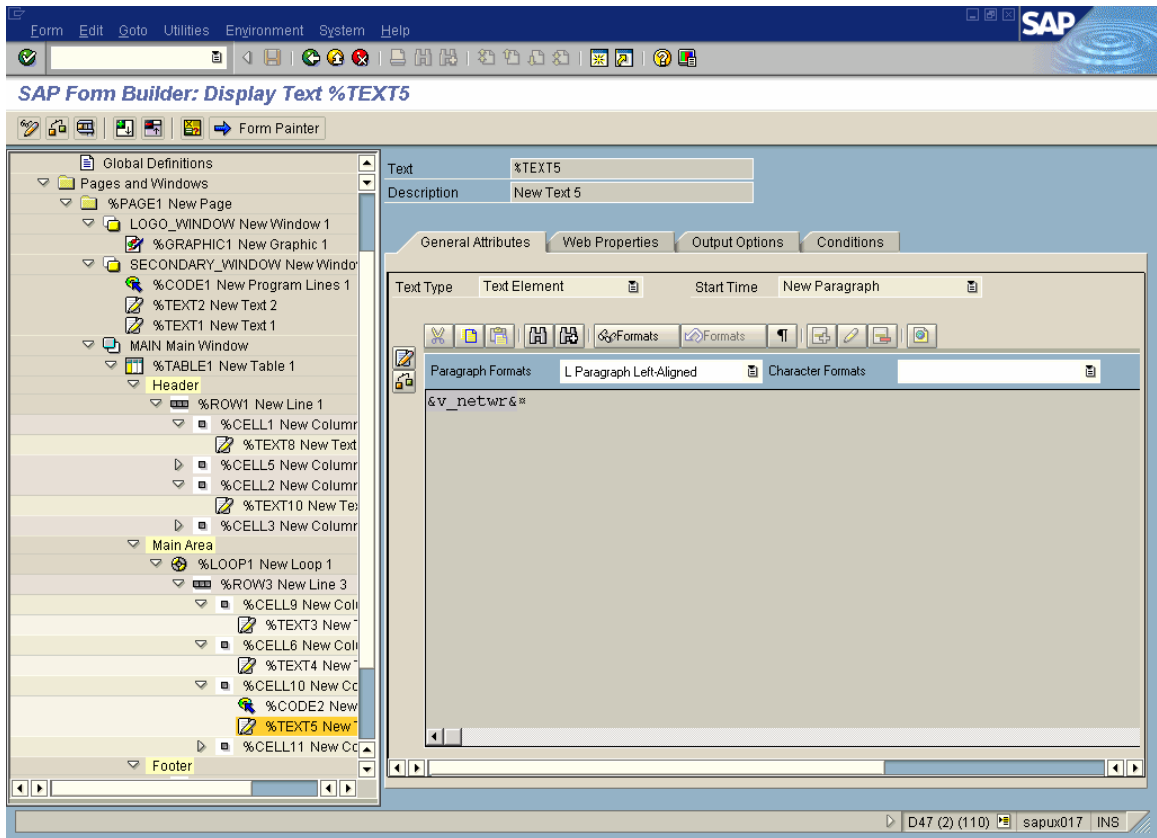
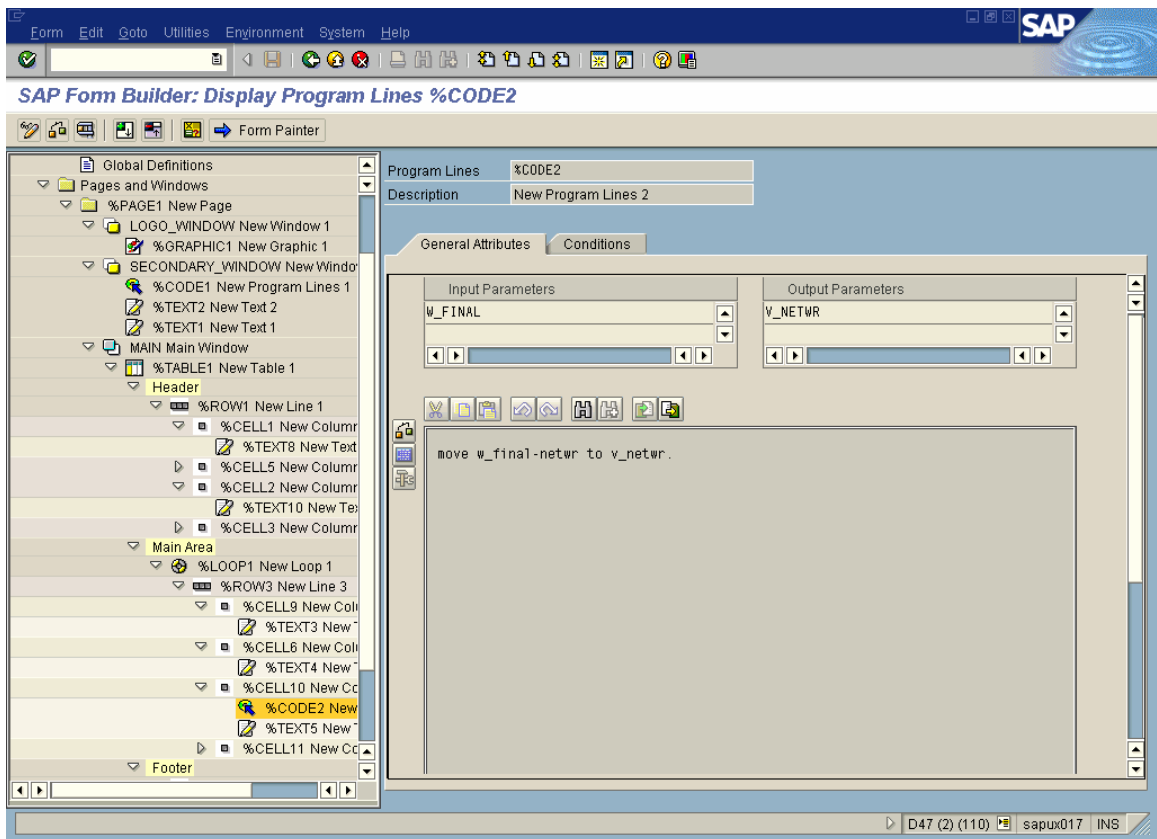
break c5fa8b.
  
```

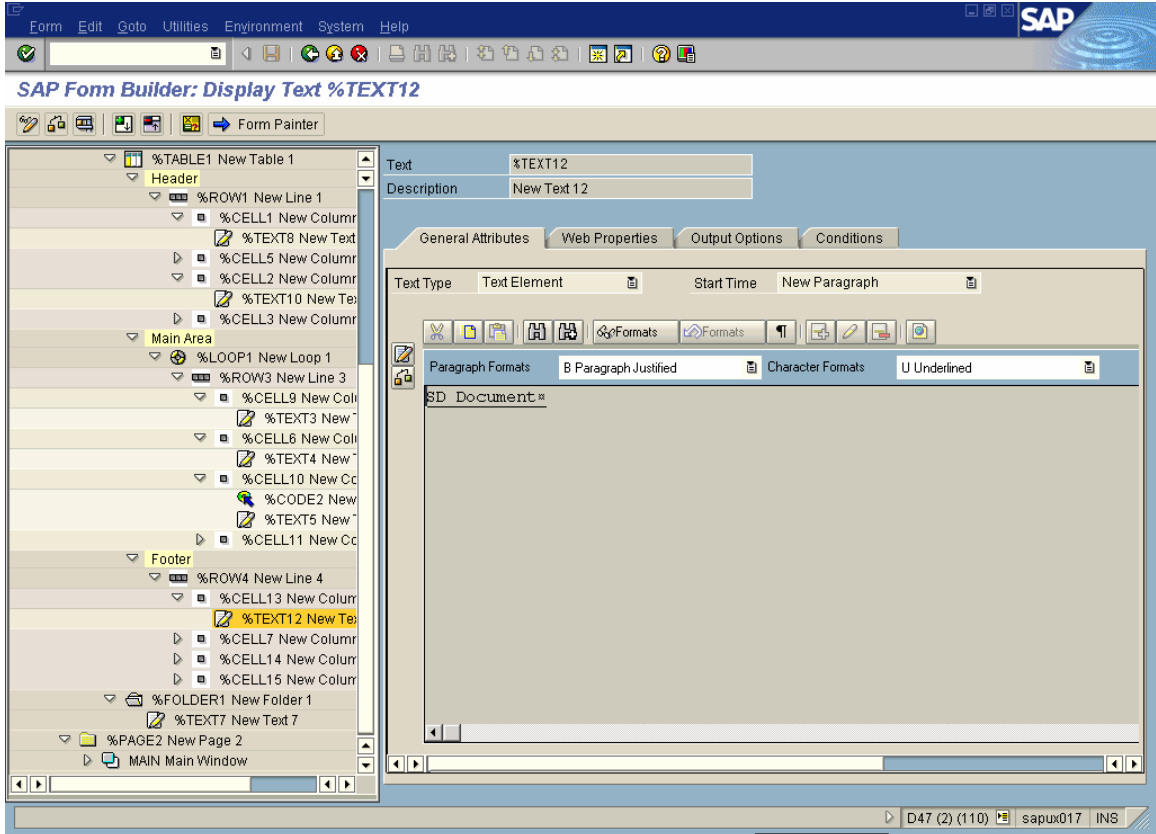
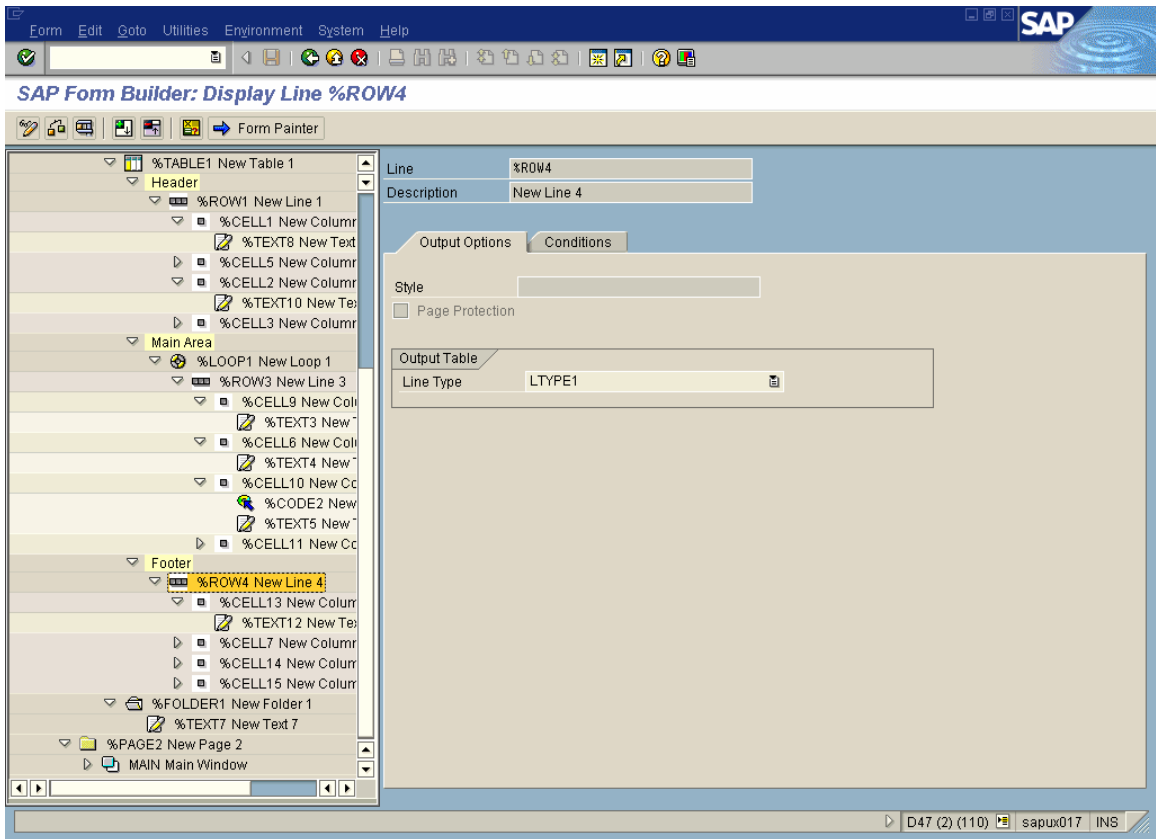
D47 (2) (110) sapux017 INS

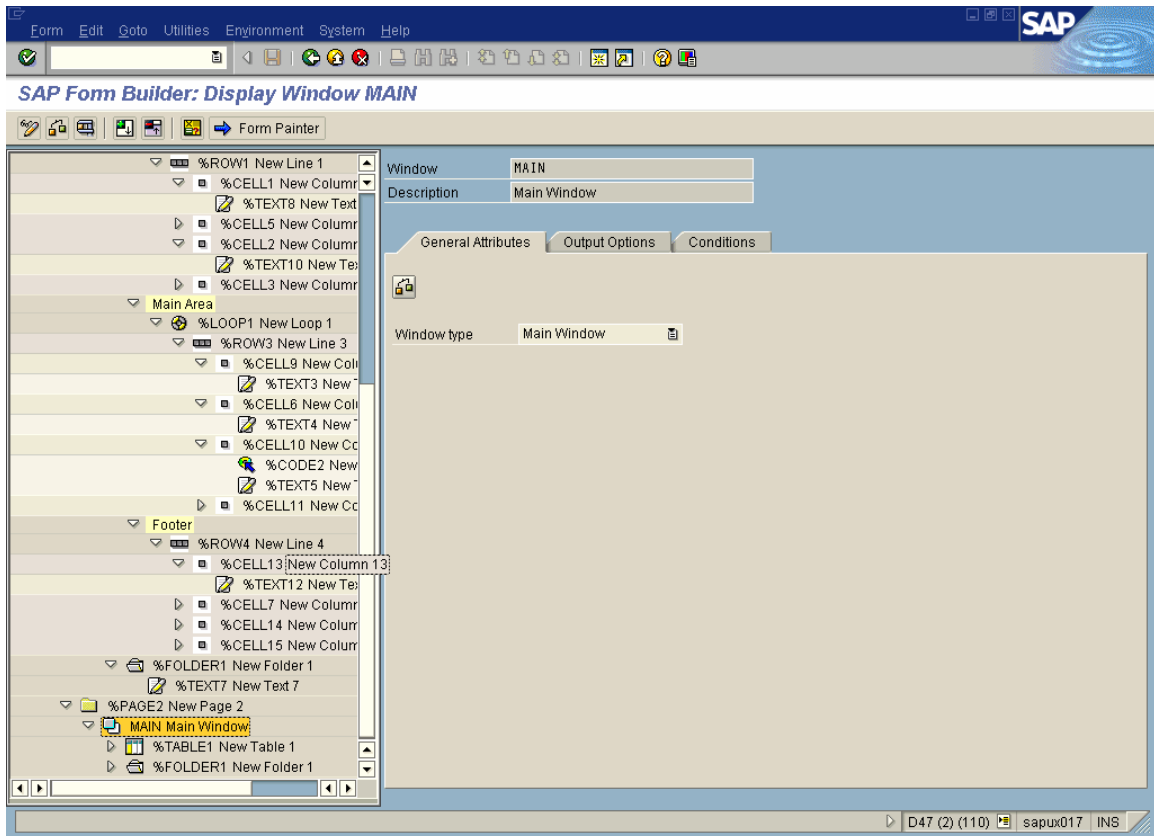
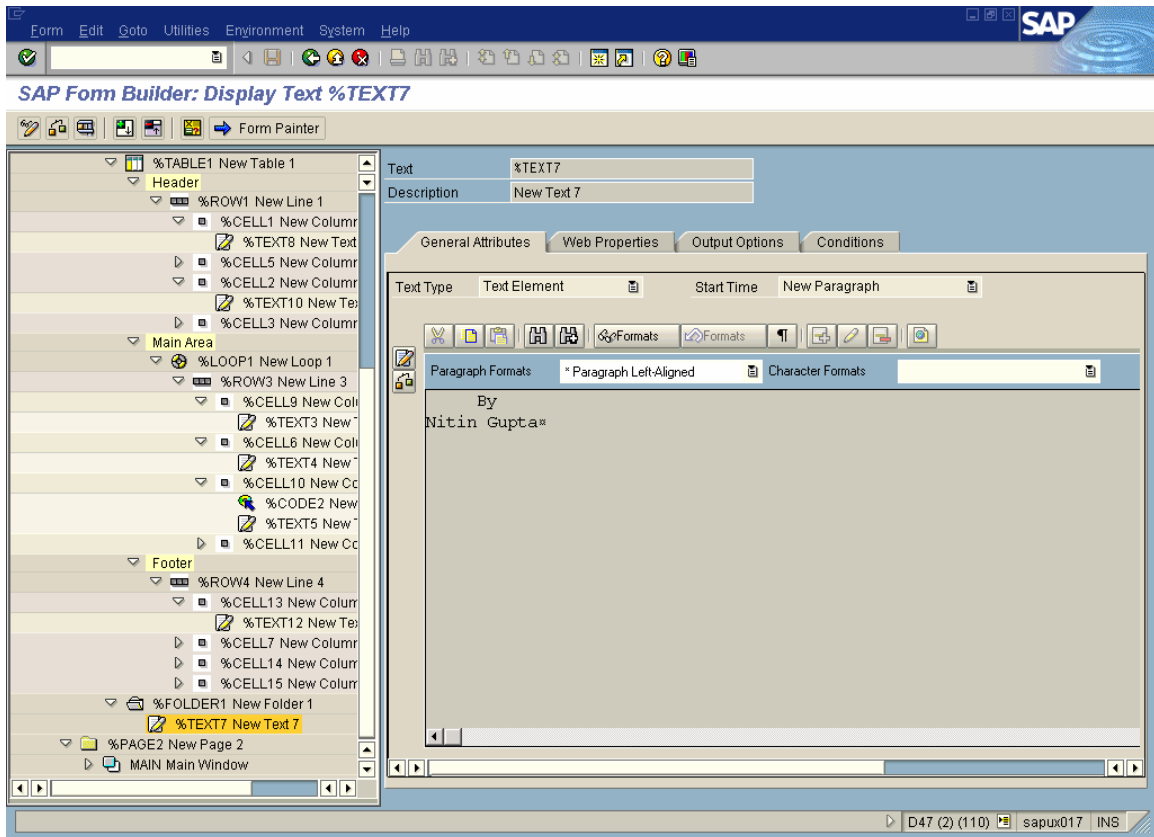












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