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Joyjit Biswas

March 18, 2014 | 7 minute read

# Label Printing in SmartForms

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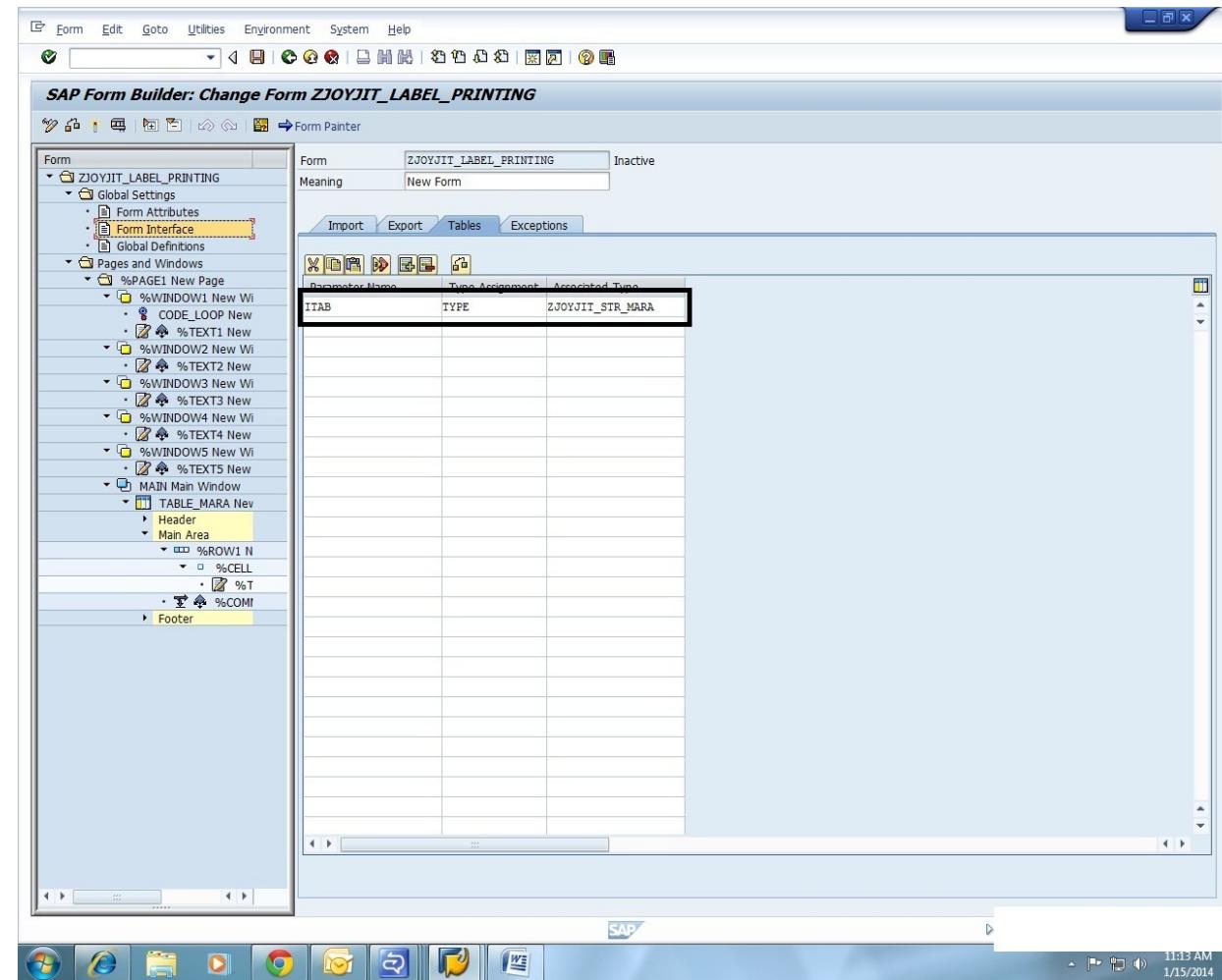
## ***NAVIGATION FOR LABEL PRINTING IN SMART FORMS***

Like

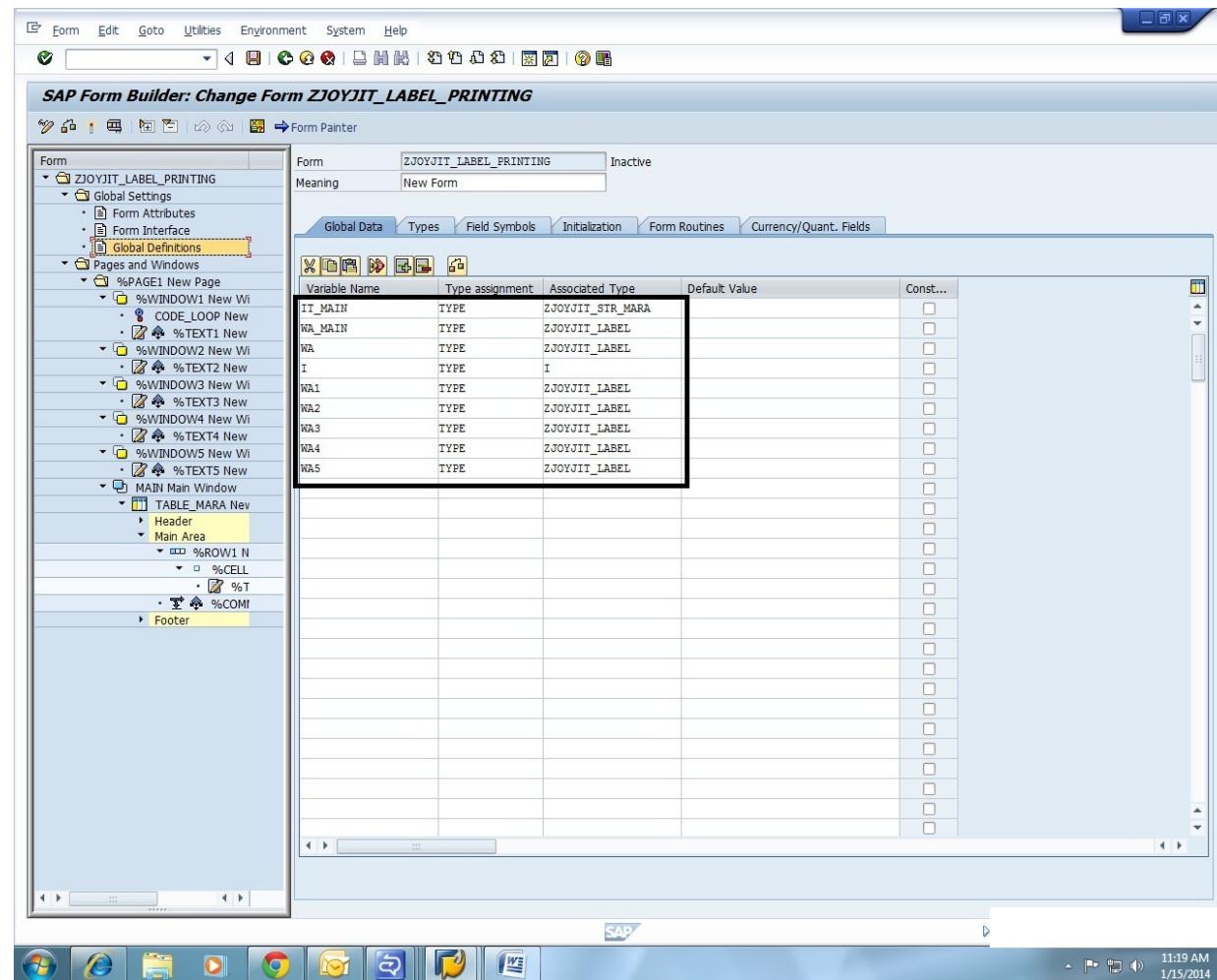
**STEP 01:** Open the smartForms application with Transaction Code ‘SmartFroms’.

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**STEP 02:** Go to the Form Interface and click on the Table Tab and enter the internal table name from the Driver Program (Suppose: ITAB).



**STEP 03:** Go to the Global Definition and provide the global data. (You need to construct a Structure Type (suppose: ZJOYJIT\_LABEL) and a table type (Suppose: ZJOYJIT\_STR\_MARA) with its line type as the structure type with the fields to be printed in the label.



**STEP 04:** Go to the initialization tab page in the Global Definition. Enter Input and Output Parameters.

Suppose,

Input Parameters

I

ITAB

WA

IT\_MAIN

WA\_MAIN

Output Parameters

IT\_MAIN

ITAB

WA

Enter the piece of Code in the Initialization part.

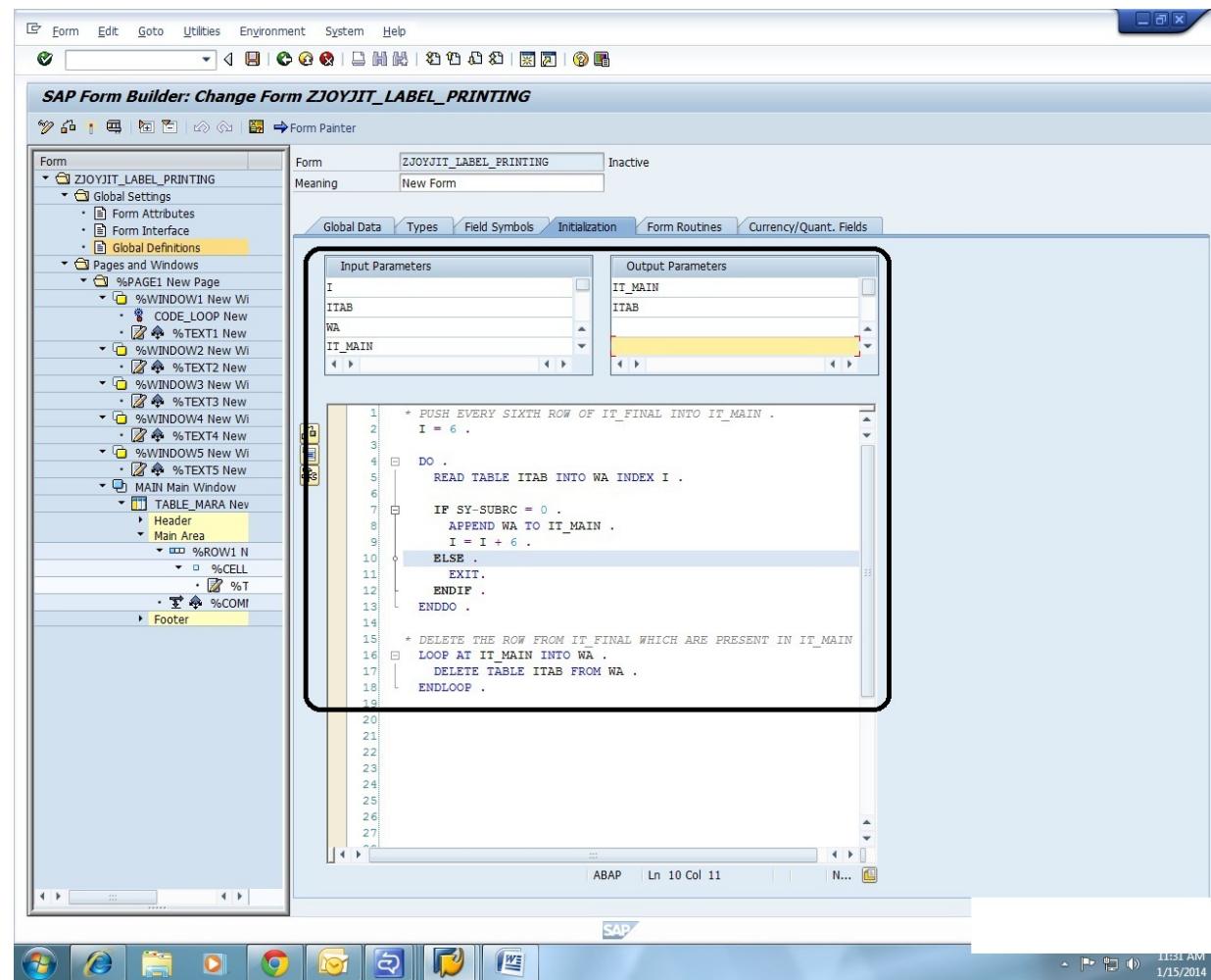
\* PUSH EVERY SIXTH ROW OF IT\_FINAL INTO IT\_MAIN .

I = 6.

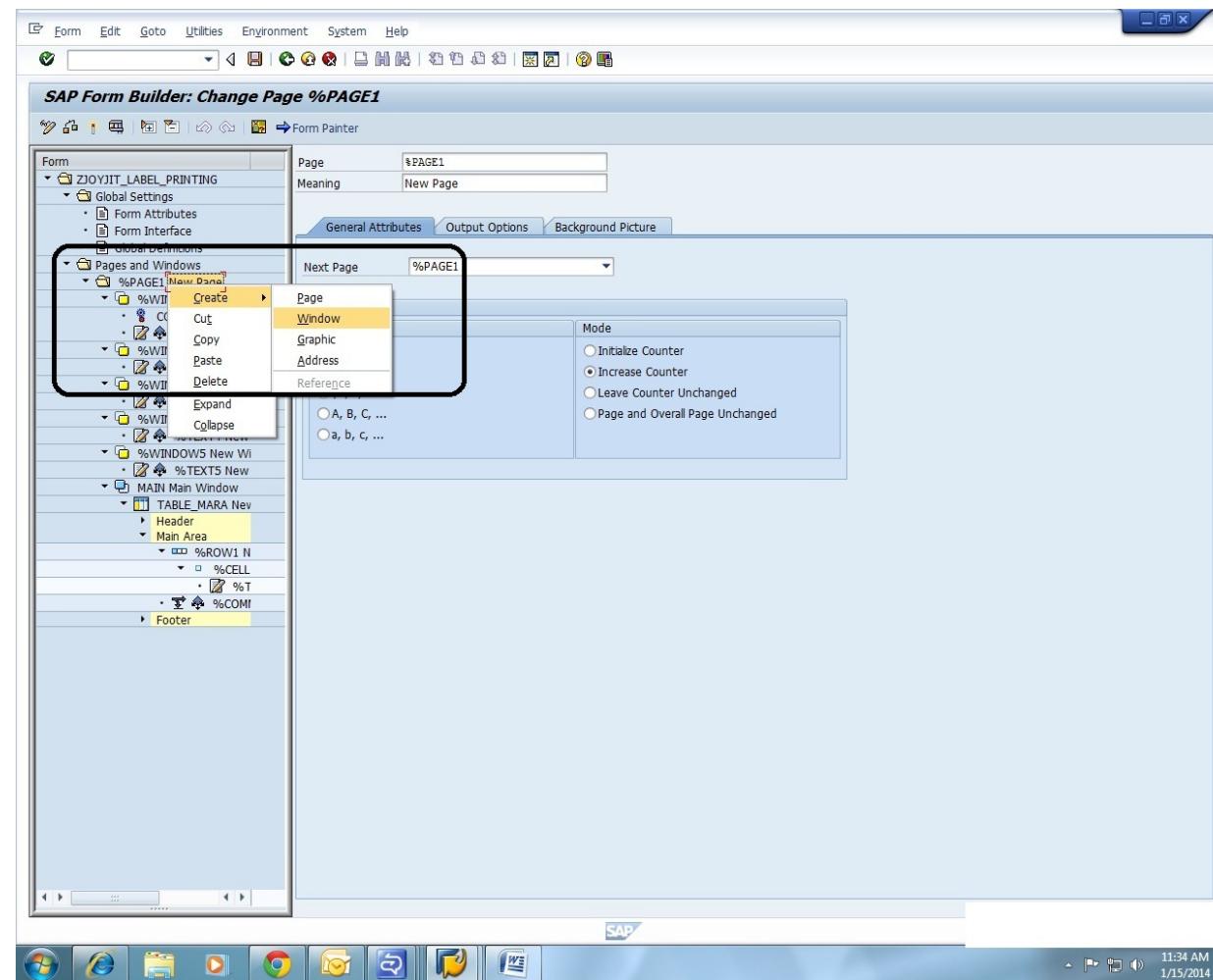
DO.

READ TABLE ITAB INTO WA INDEX I.

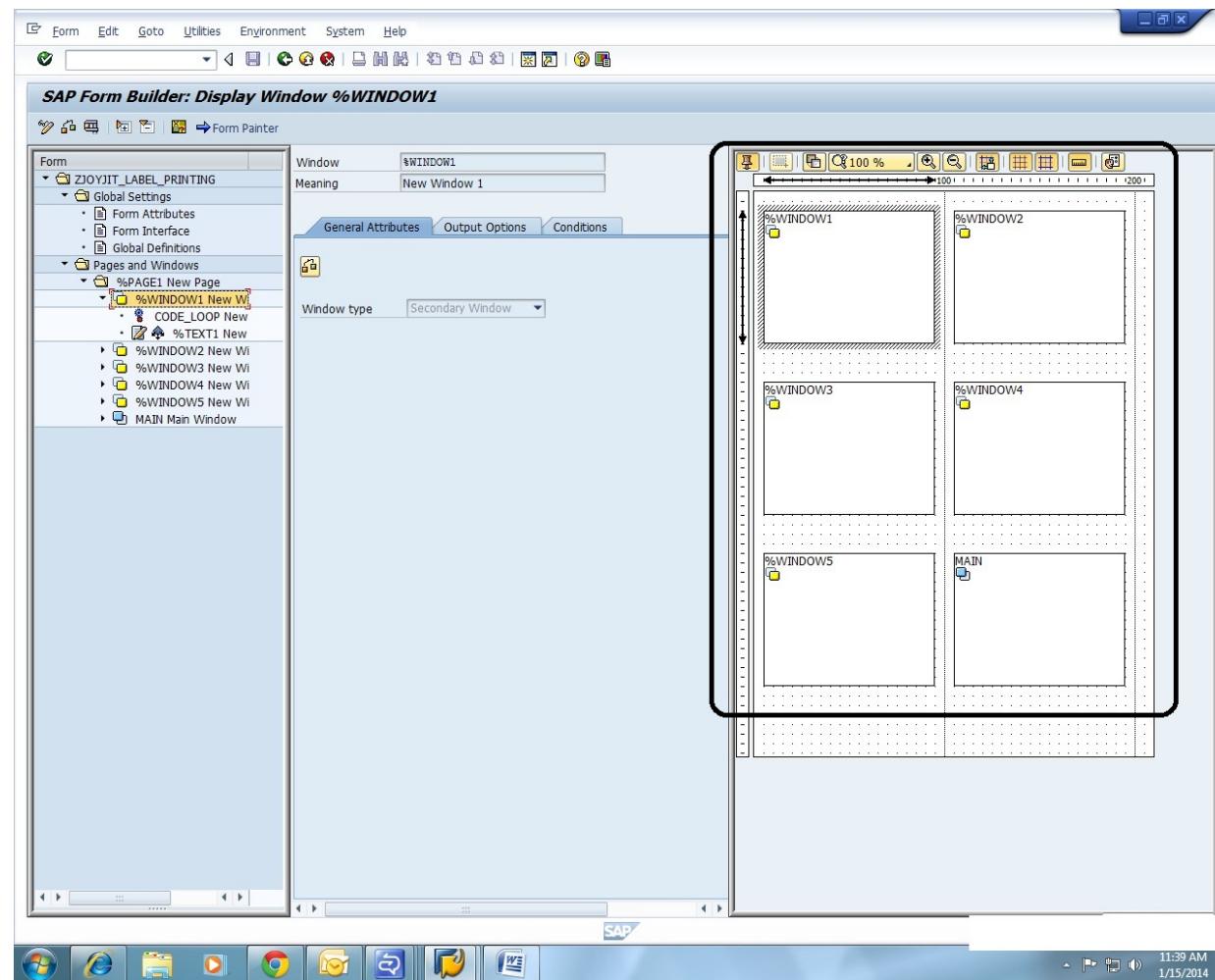
```
IF SY-SUBRC = 0.  
APPEND WA TO IT_MAIN.  
I = I + 6.  
ELSE.  
EXIT.  
ENDIF.  
ENDDO.  
  
* DELETE THE ROW FROM IT_FINAL WHICH ARE PRESENT IN IT_MAIN .  
LOOP AT IT_MAIN INTO WA.  
DELETE TABLE ITAB FROM WA.  
ENDLOOP.
```



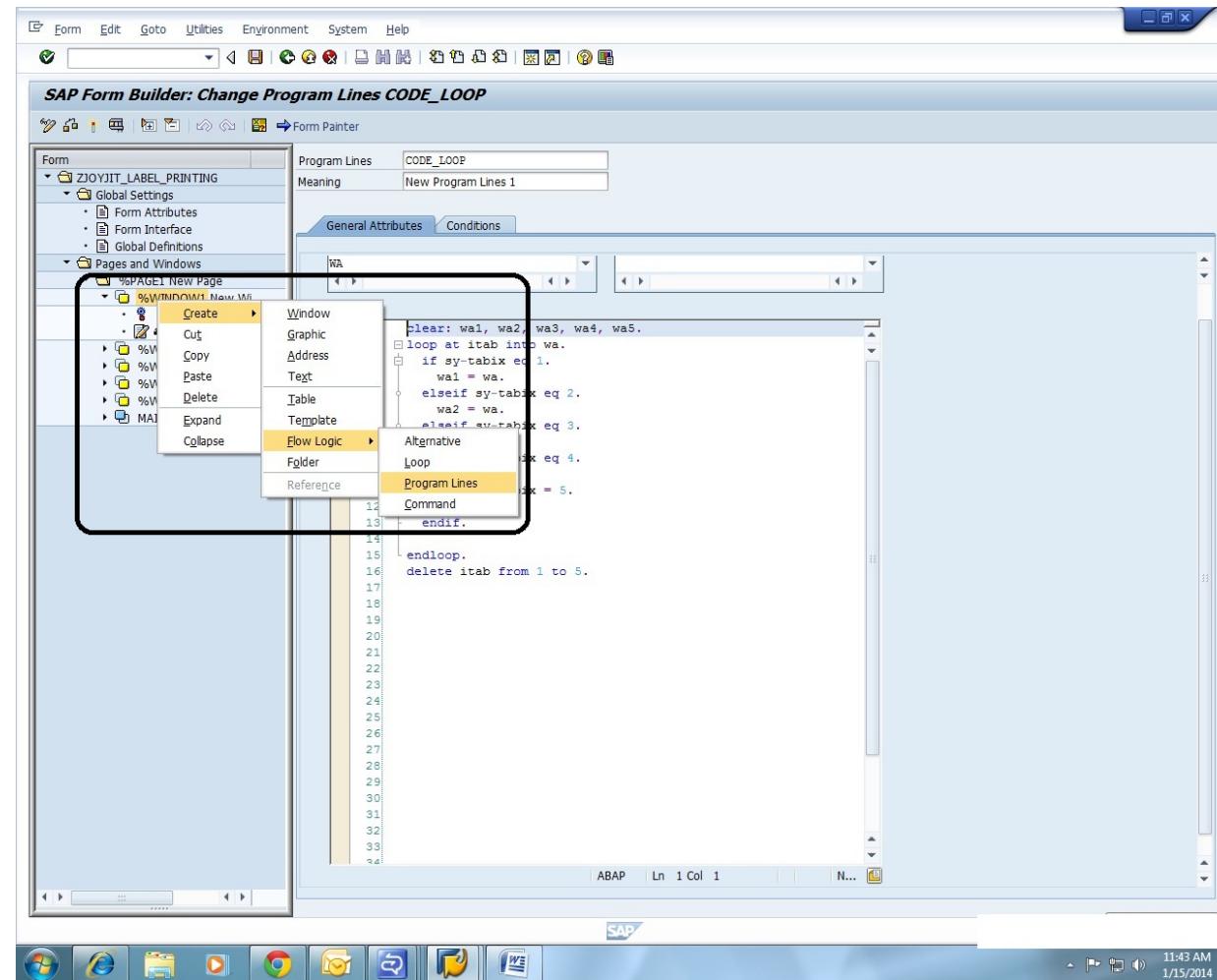
**STEP 05:** Now create 5 New Windows except the Main Window and set the positions of the in the page and resize them in Form Painter.



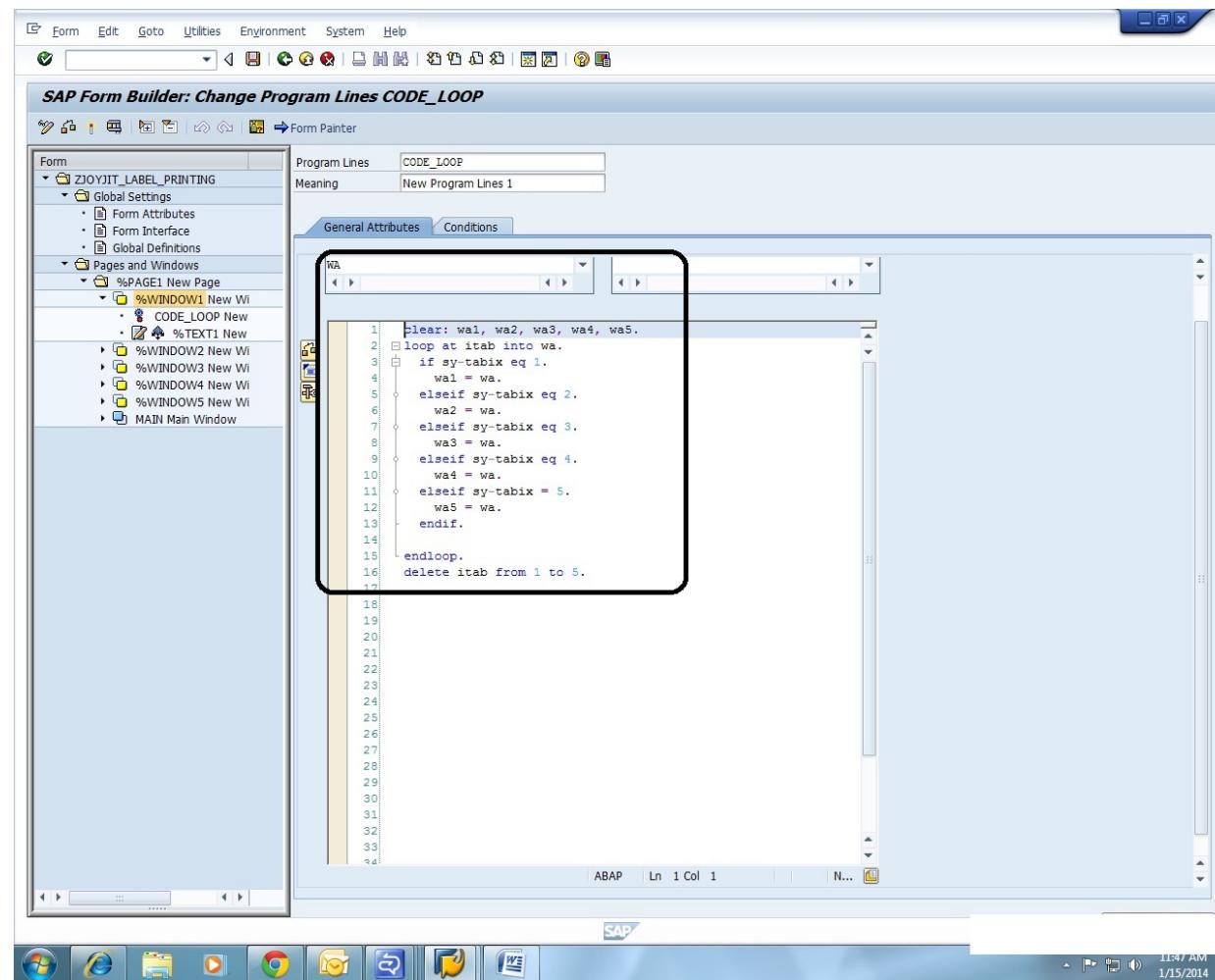
**STEP 06:** Set the windows in the Form painter of the page and resize them.



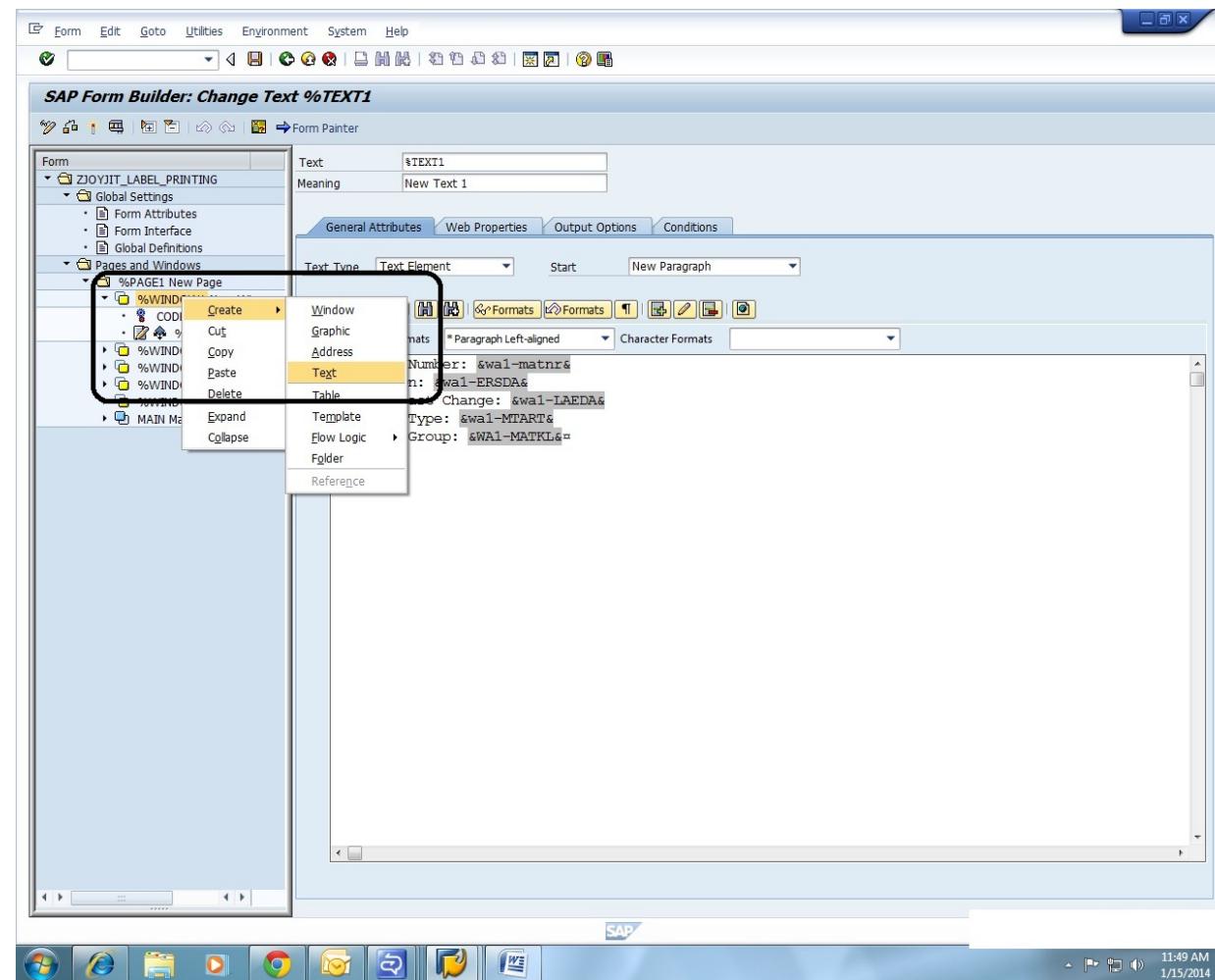
**STEP 07:** Now, Create a Program line in First Window (Suppose, WINDOW\_01).



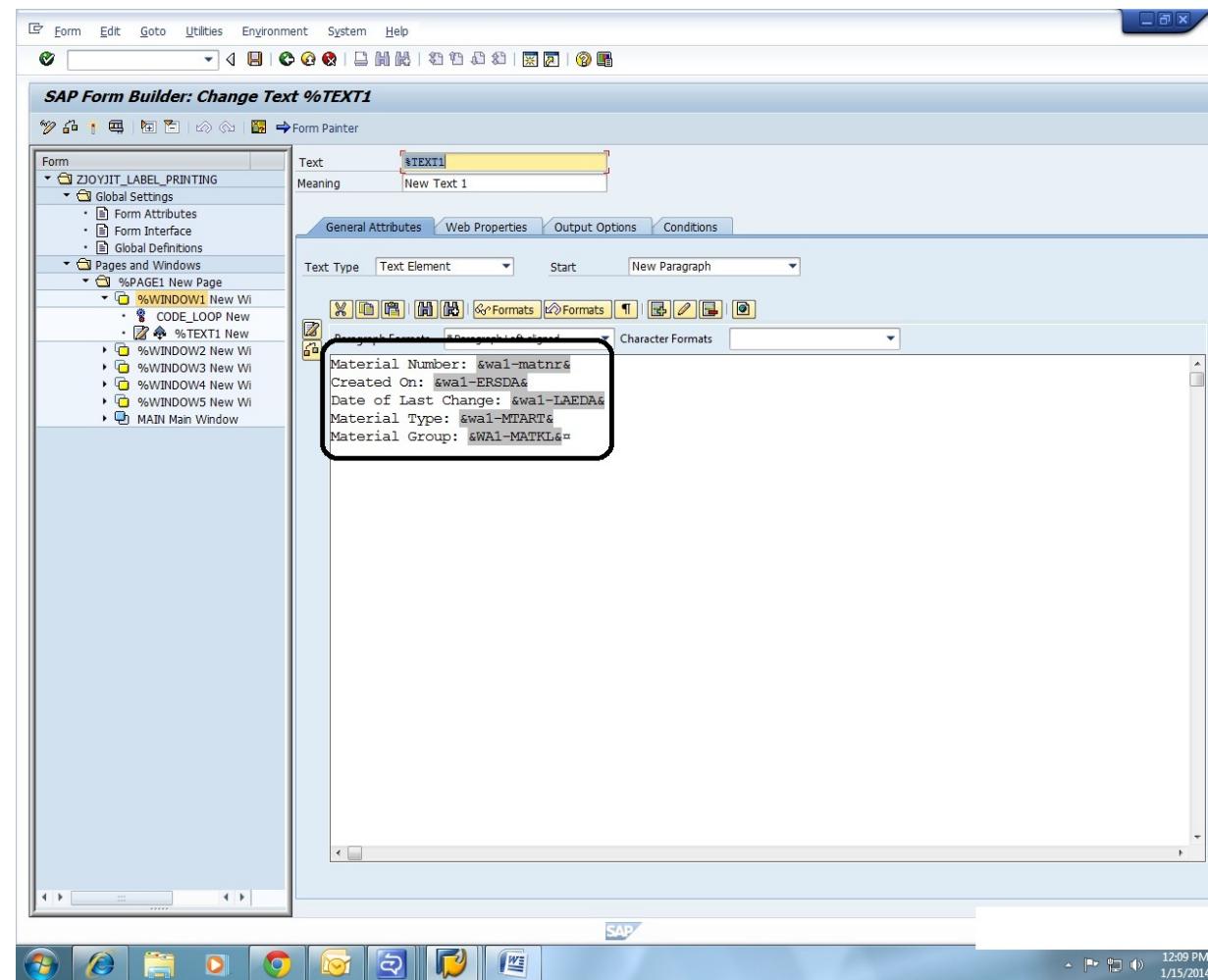
**STEP 08:** Write the piece of Code in the Program Lines General Attributes Tab.

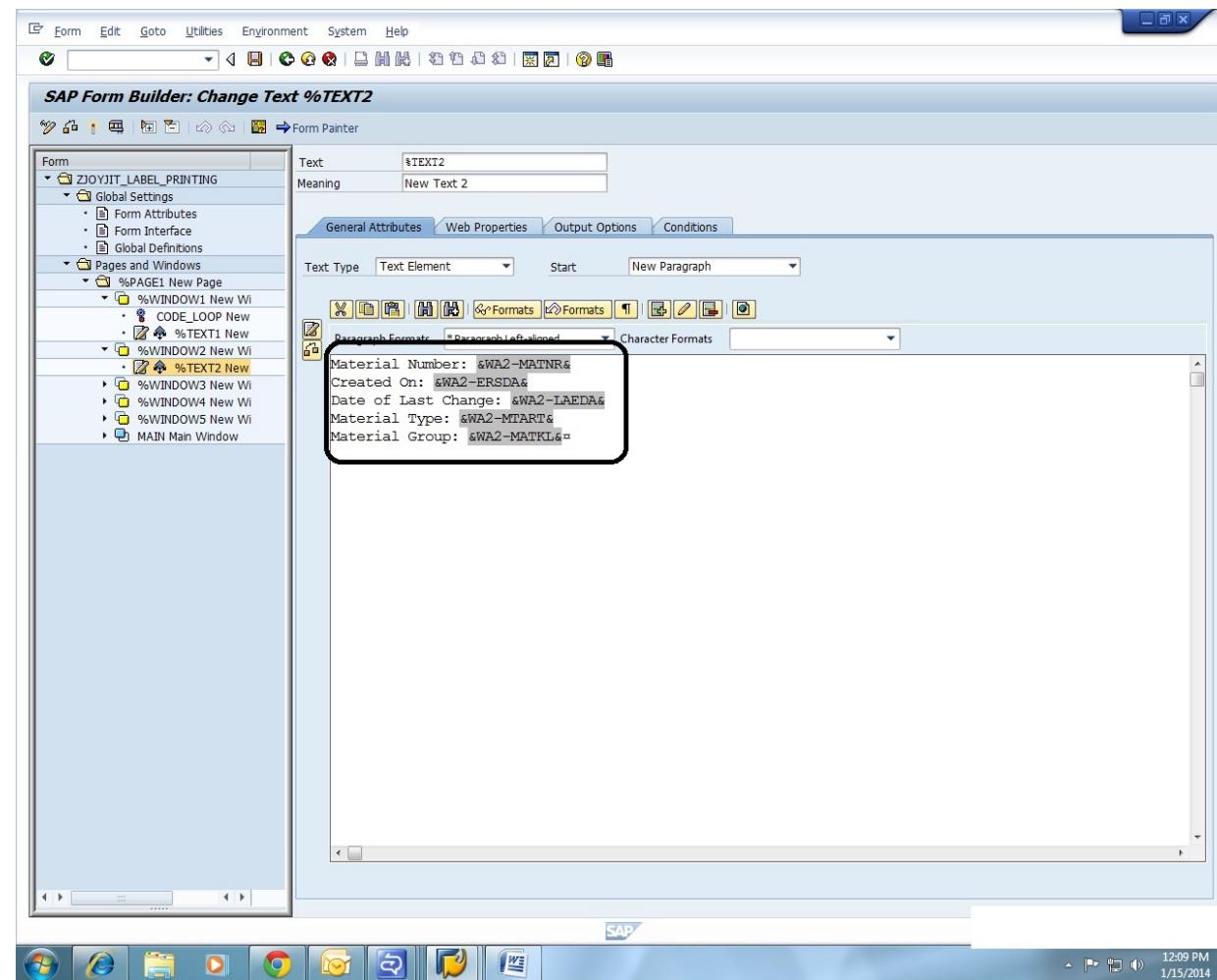


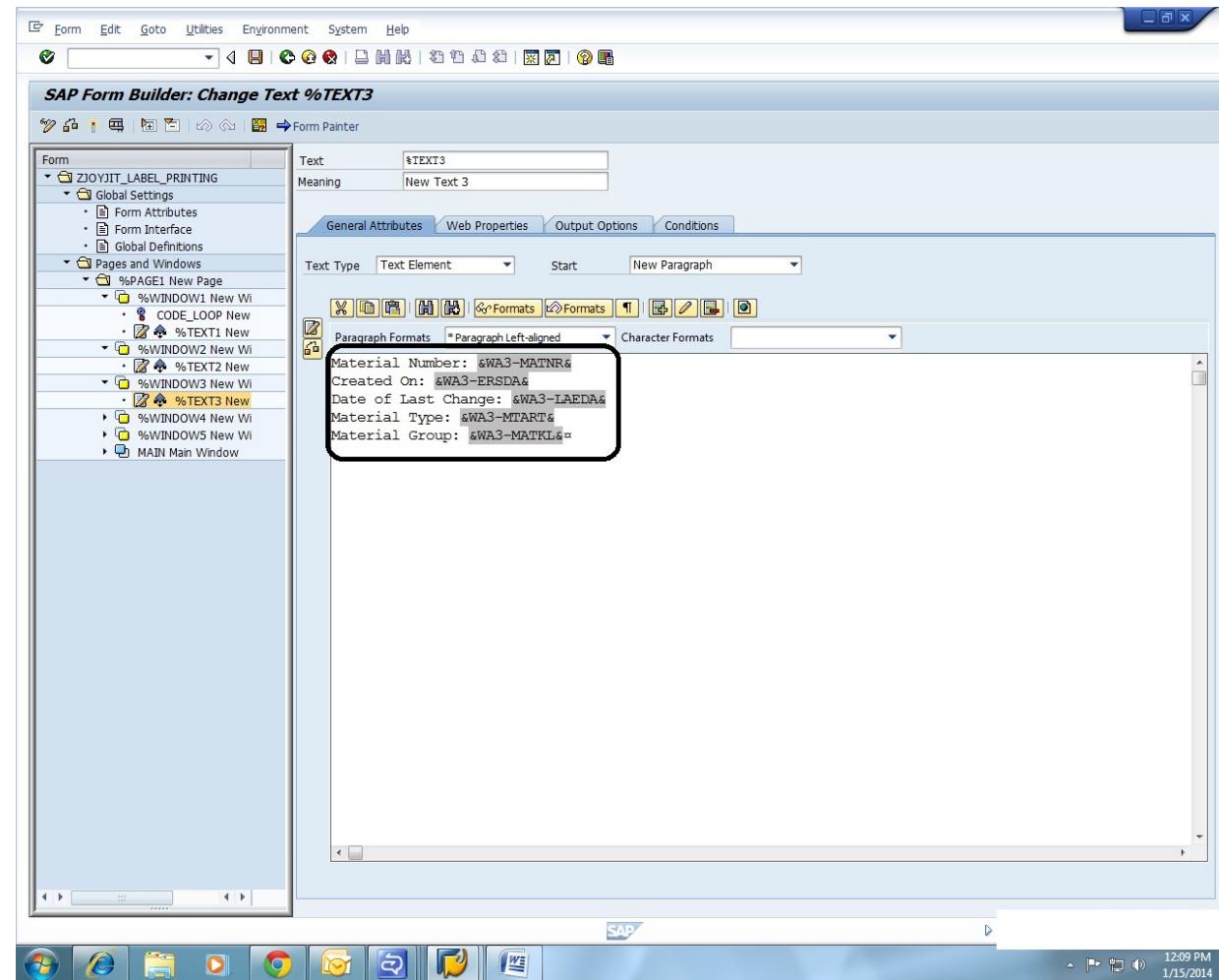
**STEP 09:** Create five texts in the respective five Windows one by one.

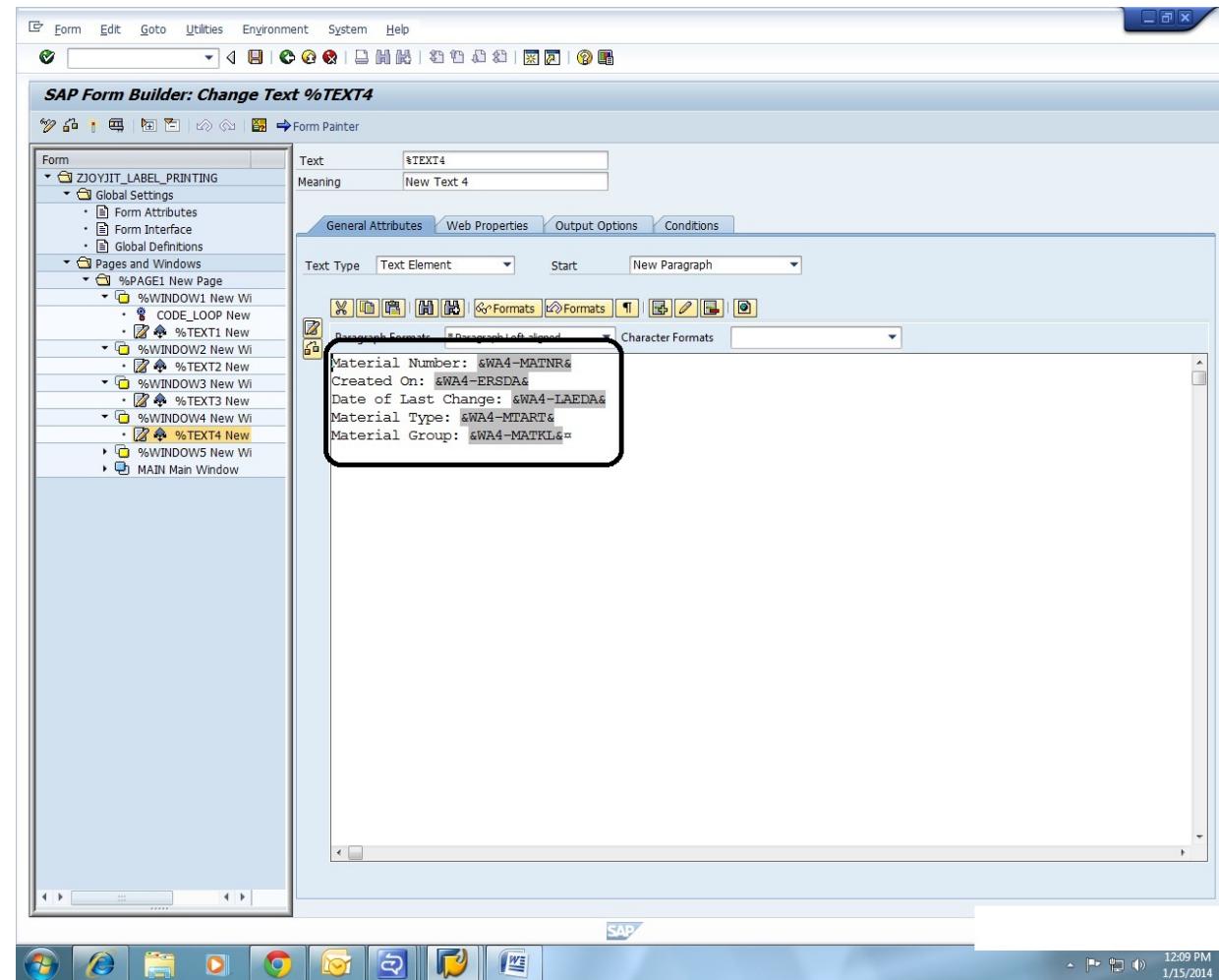


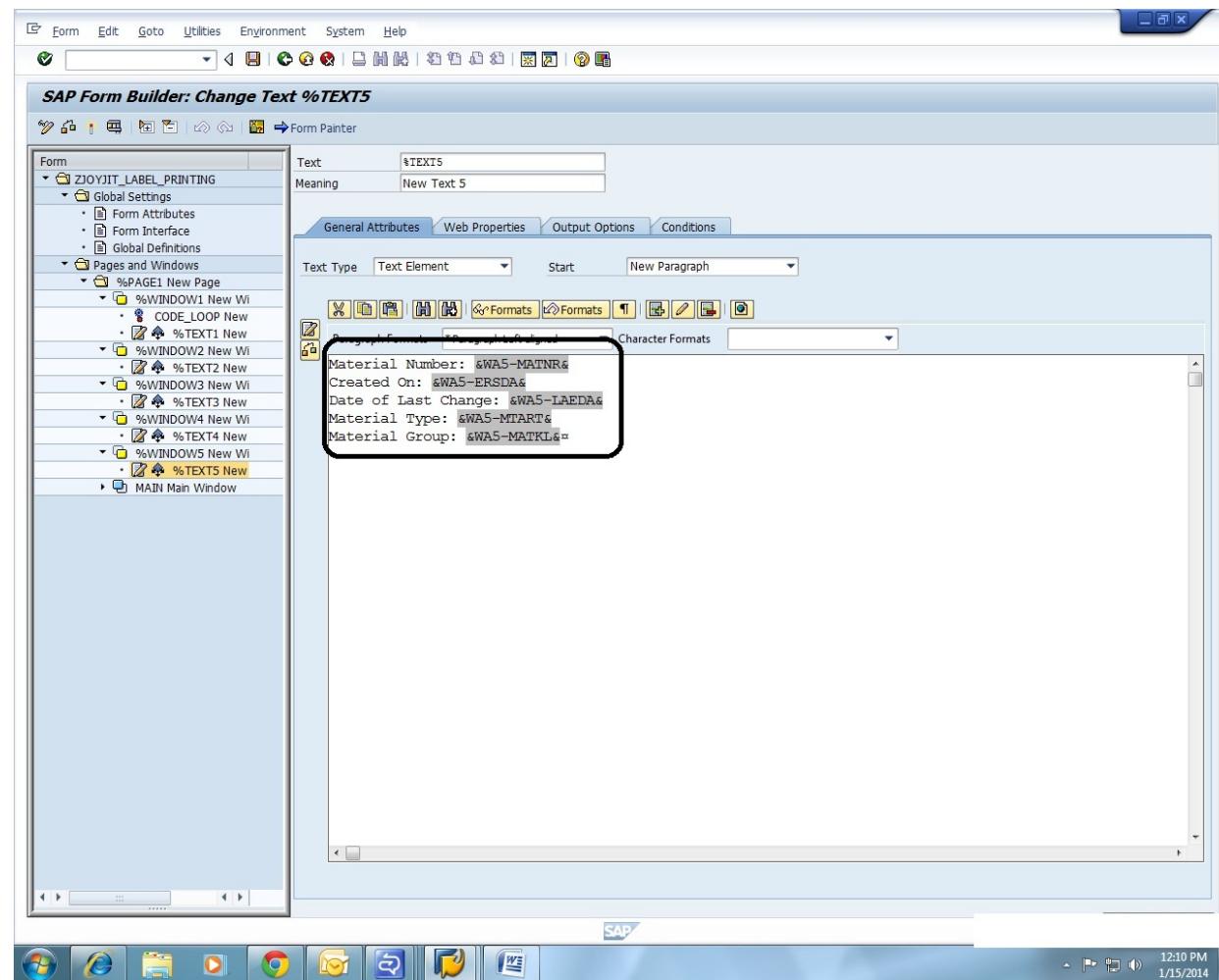
**STEP 10:** In General Attribute tabs of each texts, mention the heading and the fieldnames (Suppose: WA1-MATNR,....., wa1-MTART And for the other windows WA2-MATNR,....., WA5-MTART).



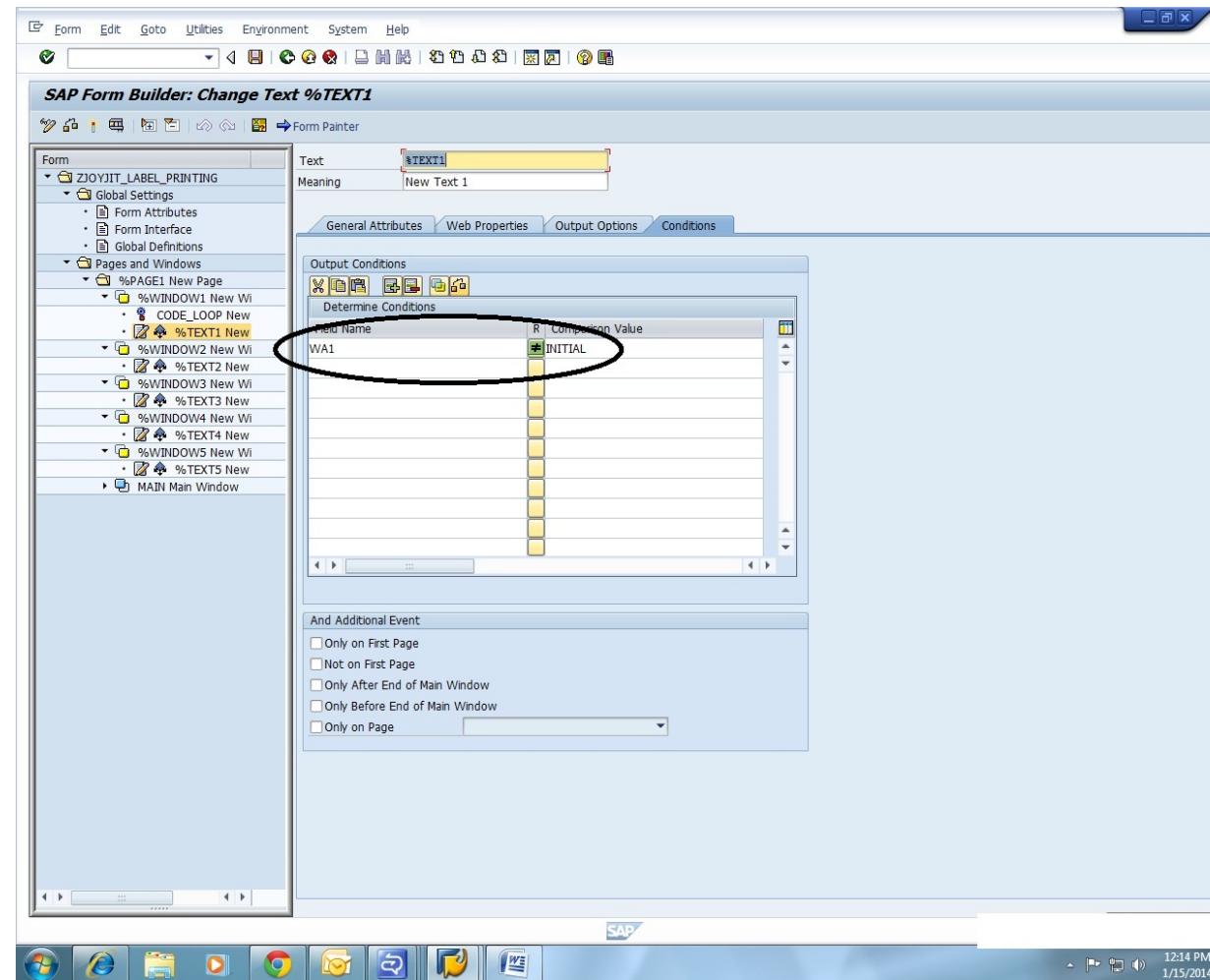


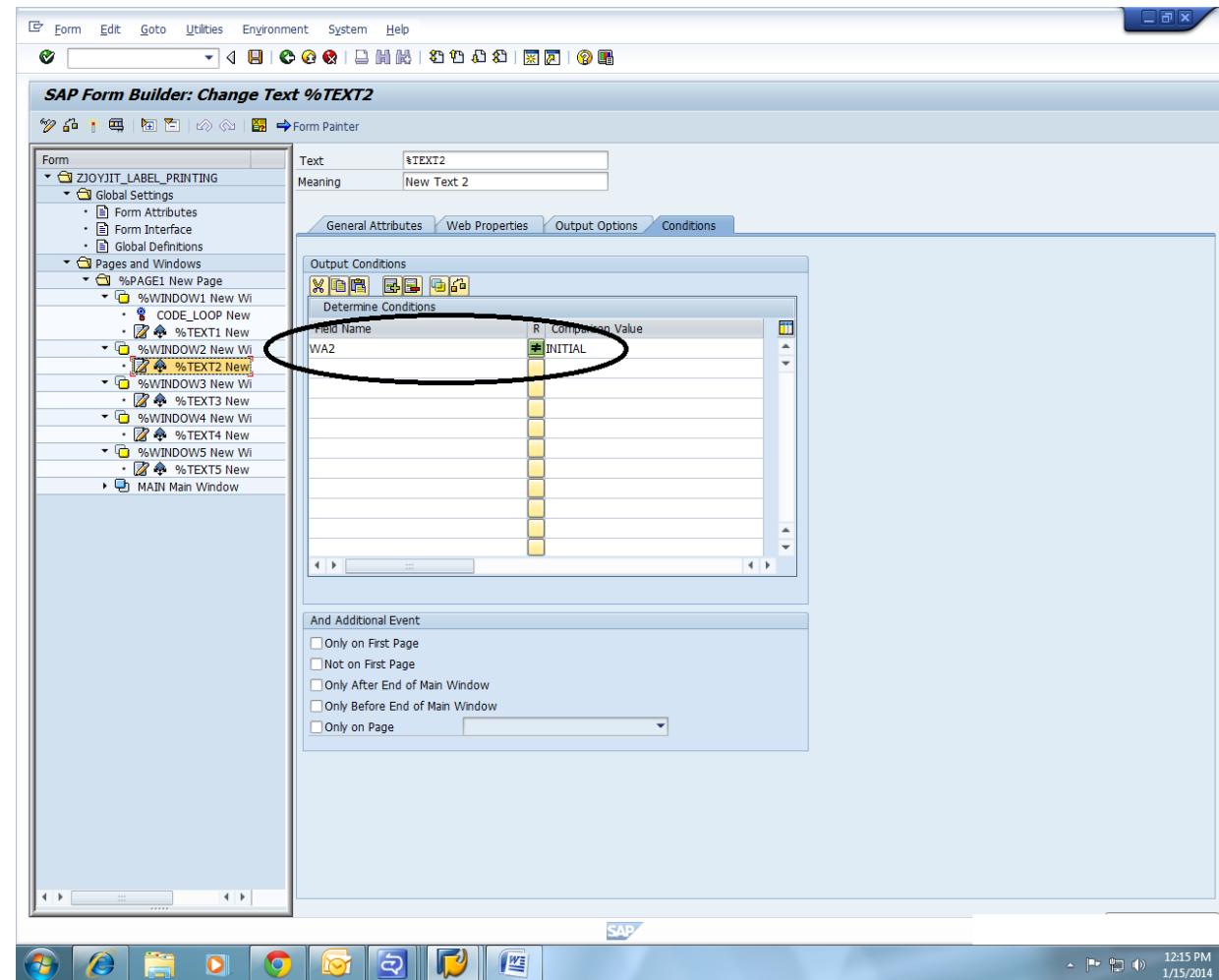


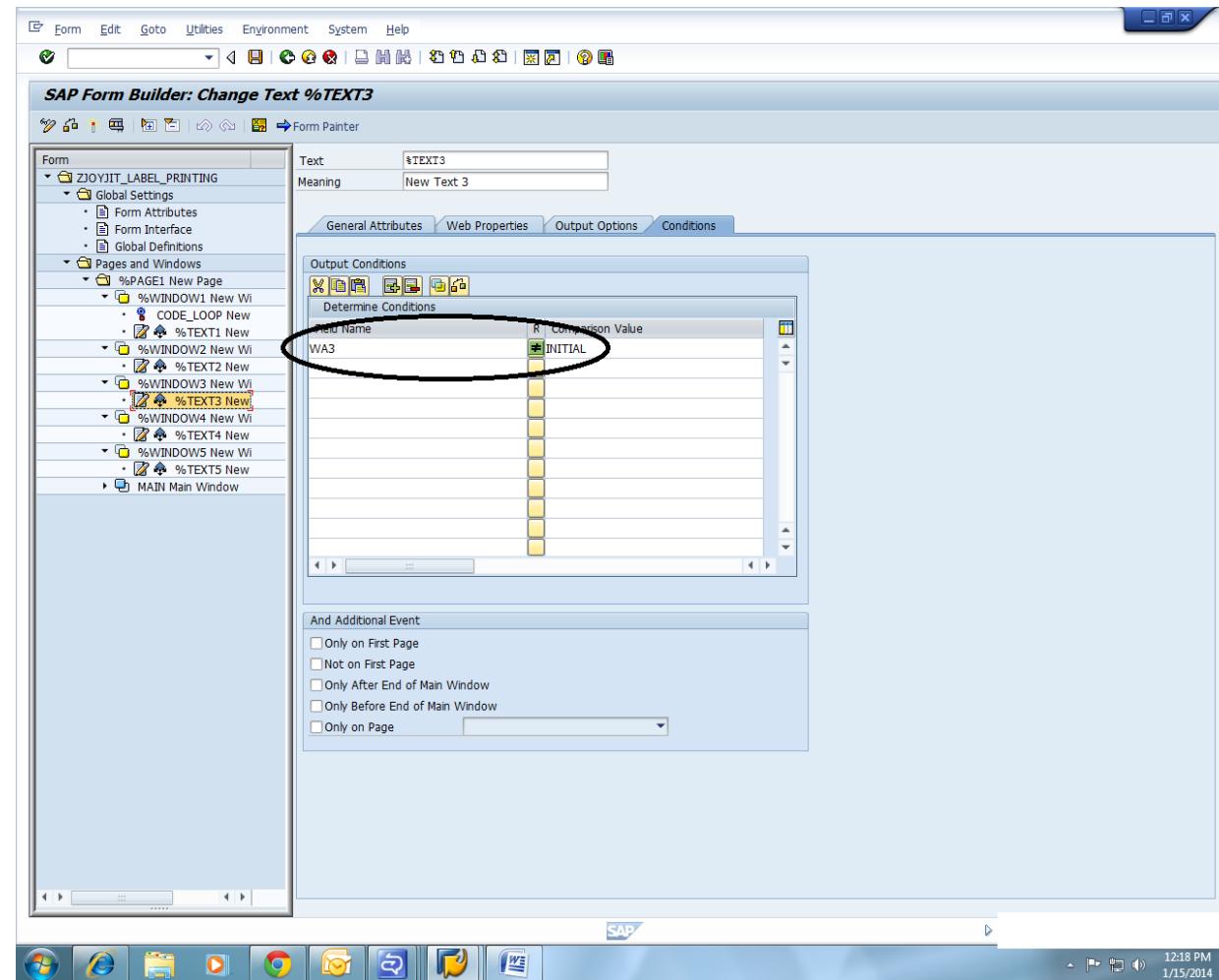


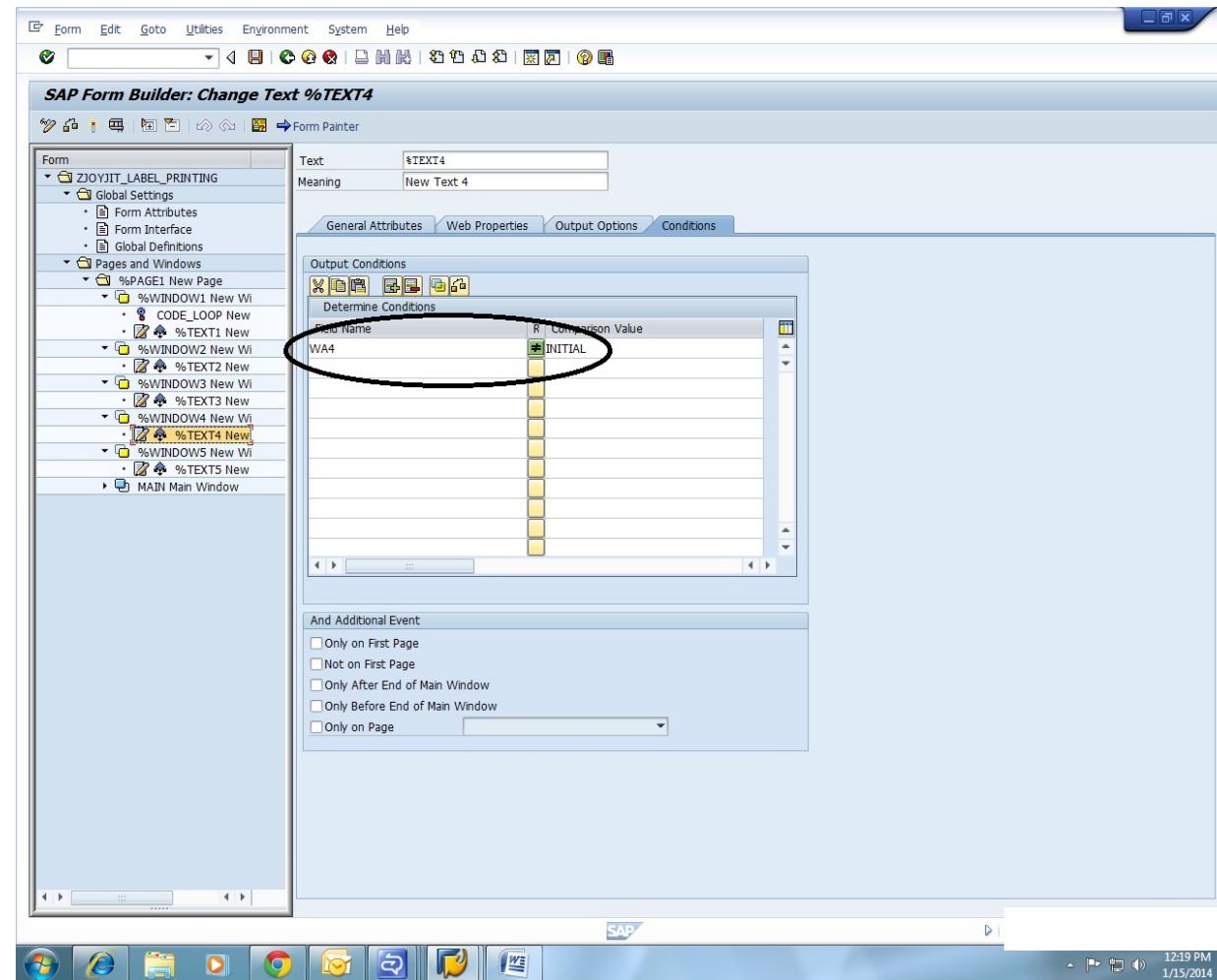


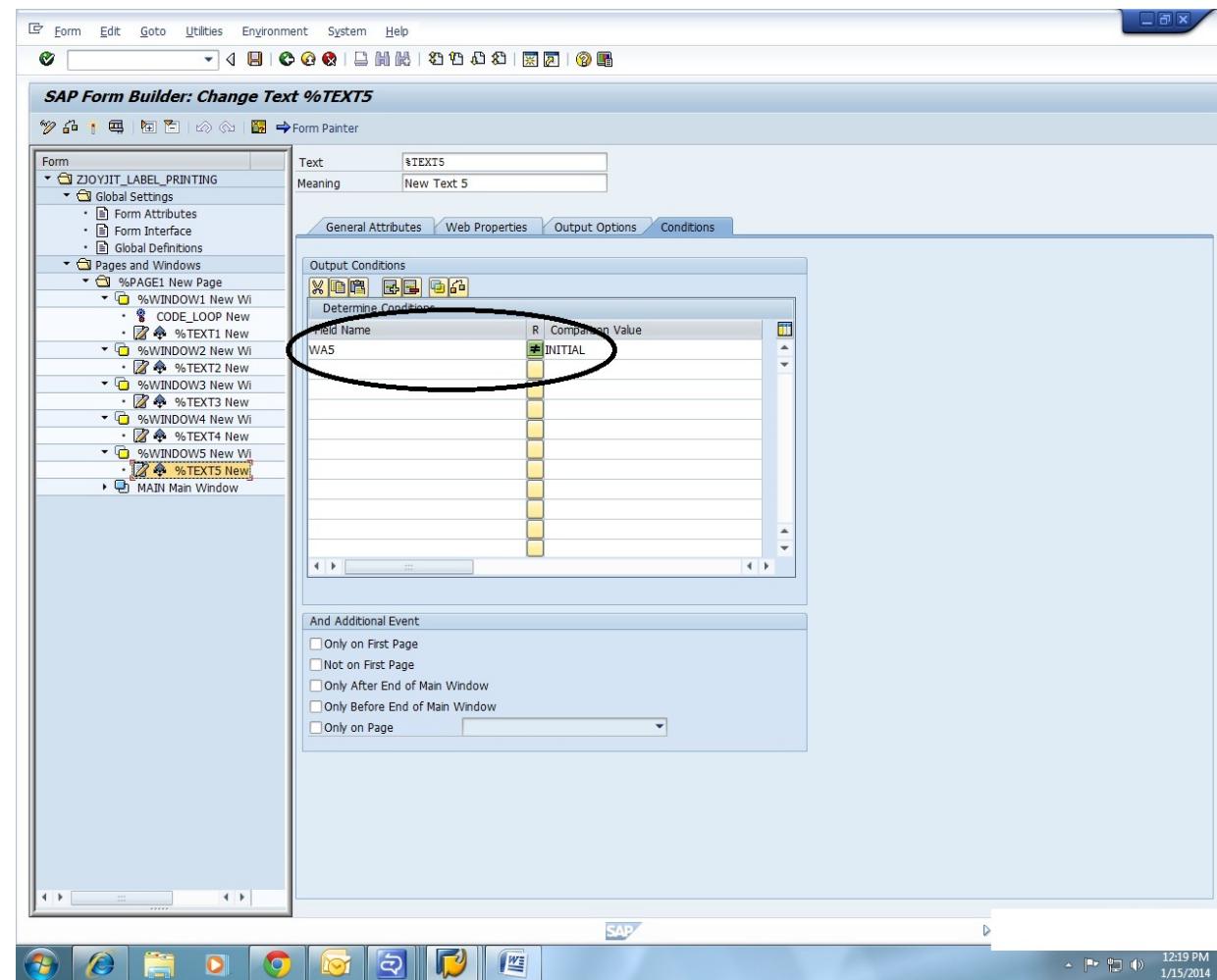
**STEP 11:** Go to the Condition Tab Page of the five texts and set the conditions as follows.



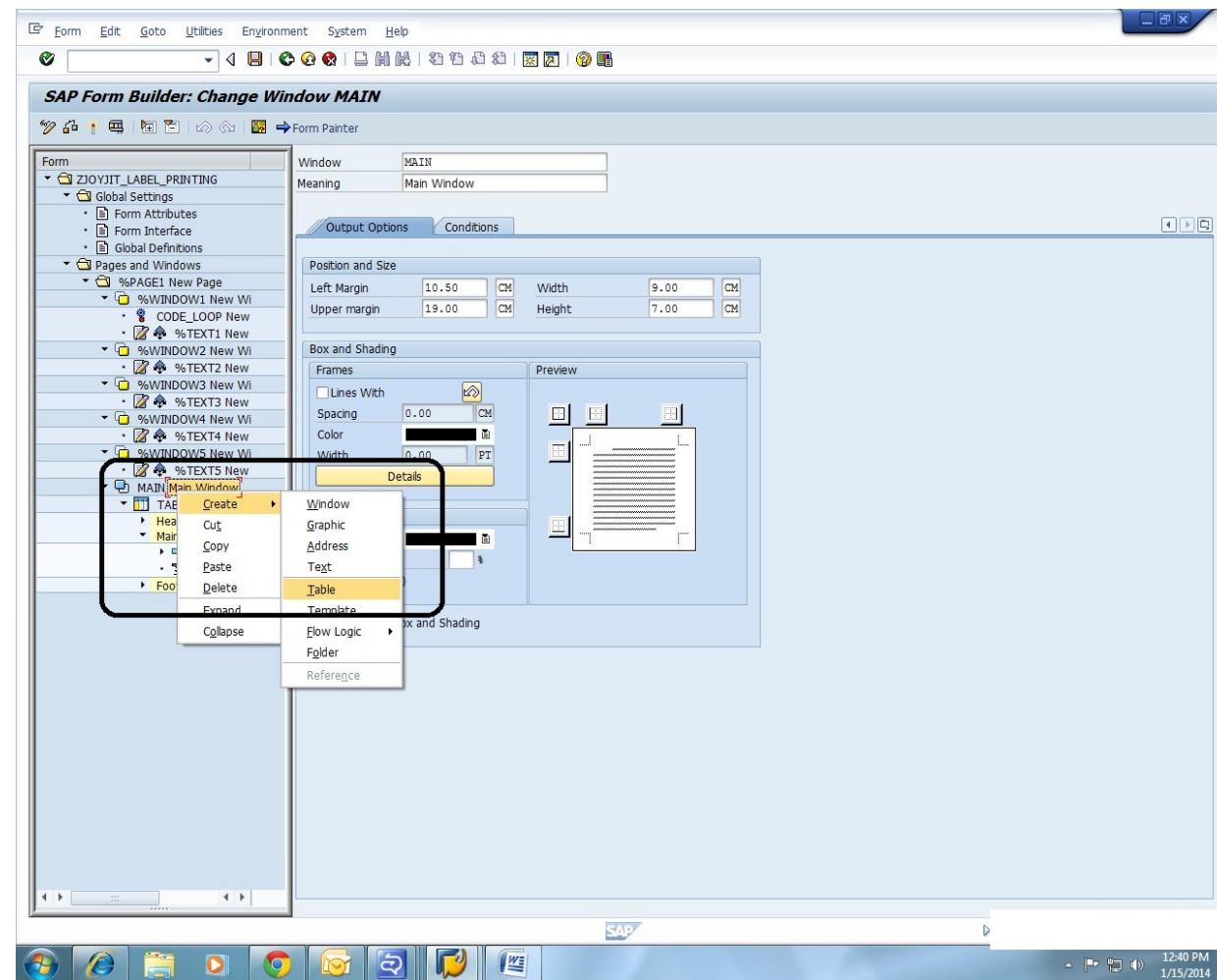




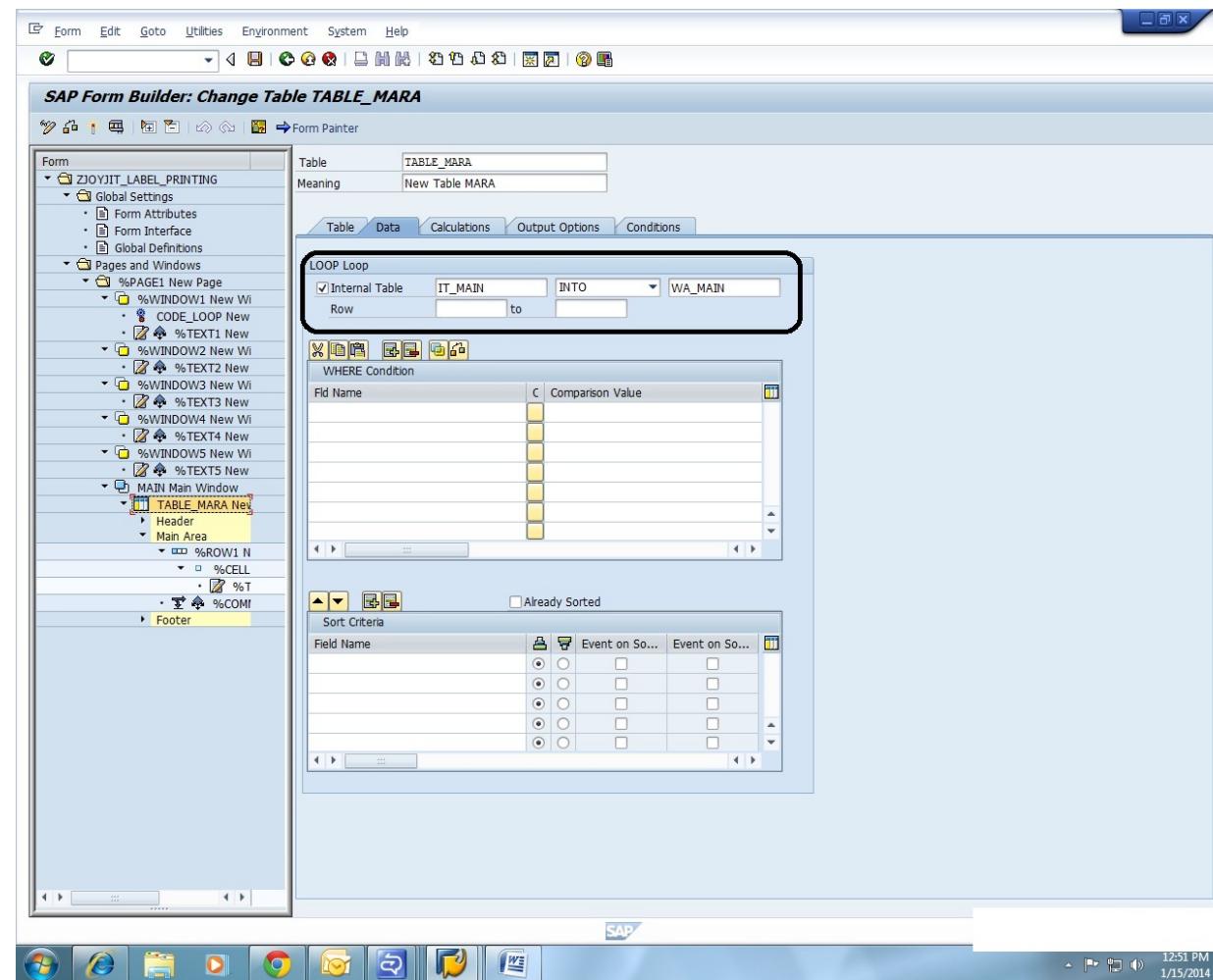




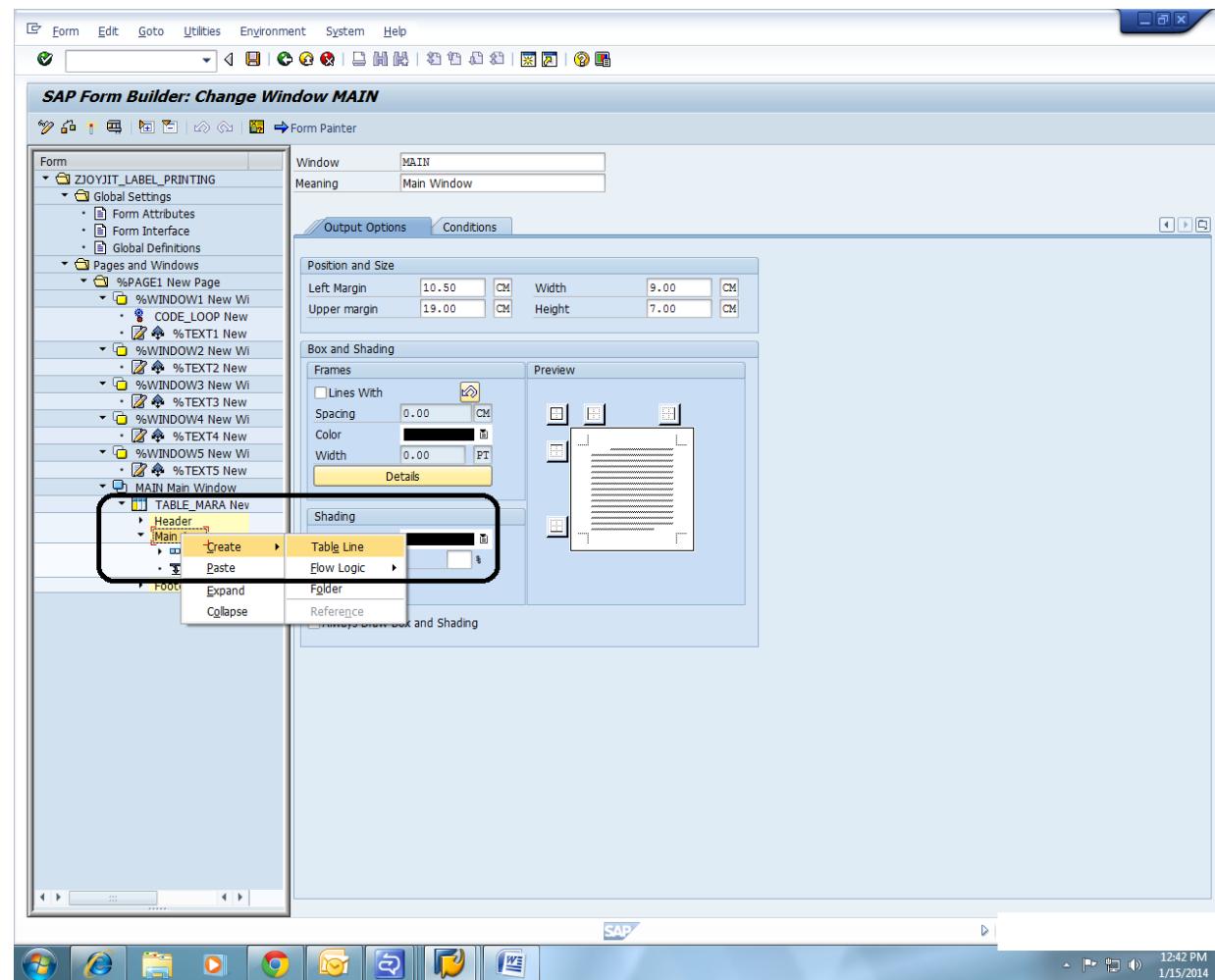
**STEP 12:** Now, in the main Window Create a table.



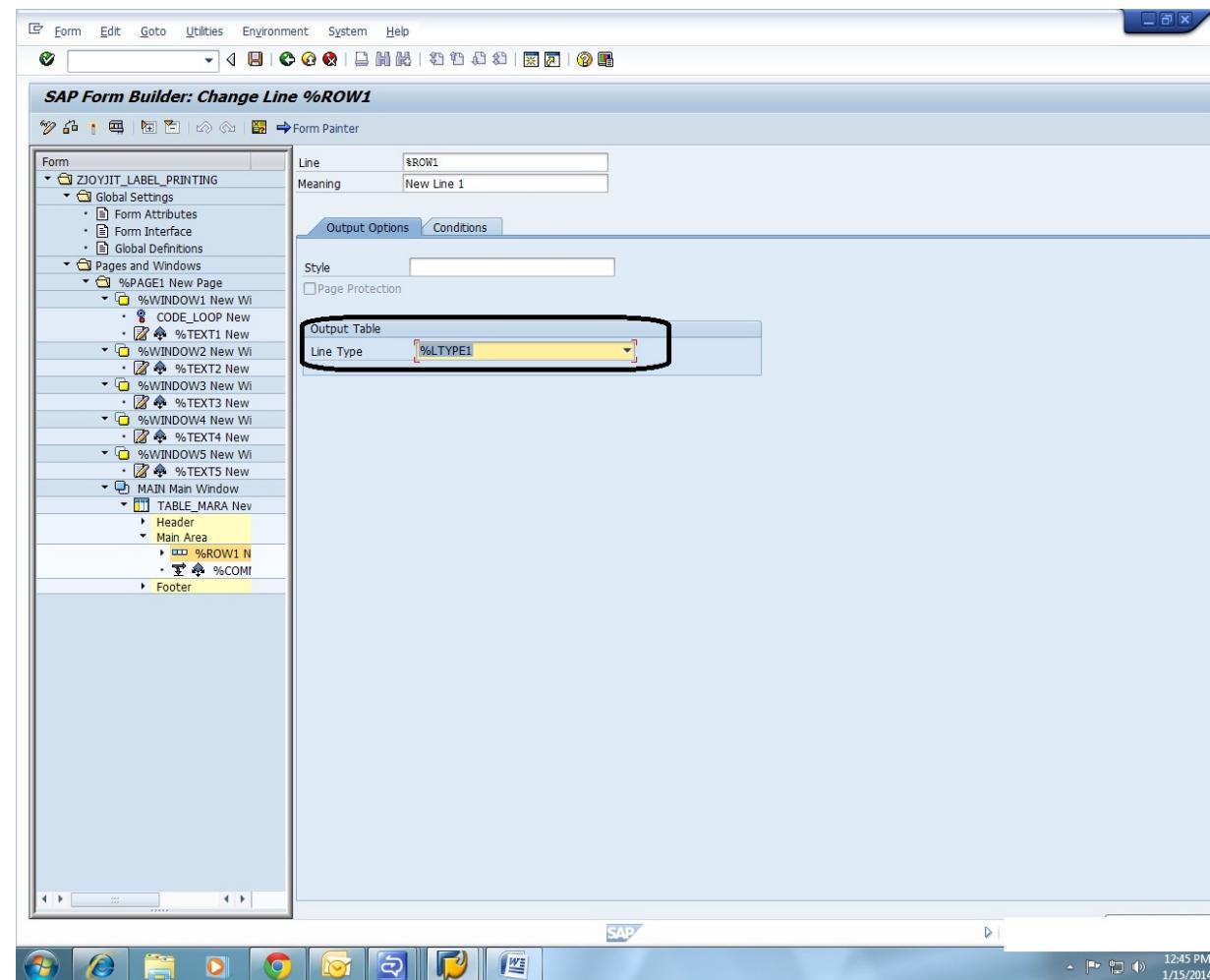
**STEP 13:** In the table, go to the Data tab page and set the internal table (Suppose, IT\_MAIN INTO WA\_MAIN).



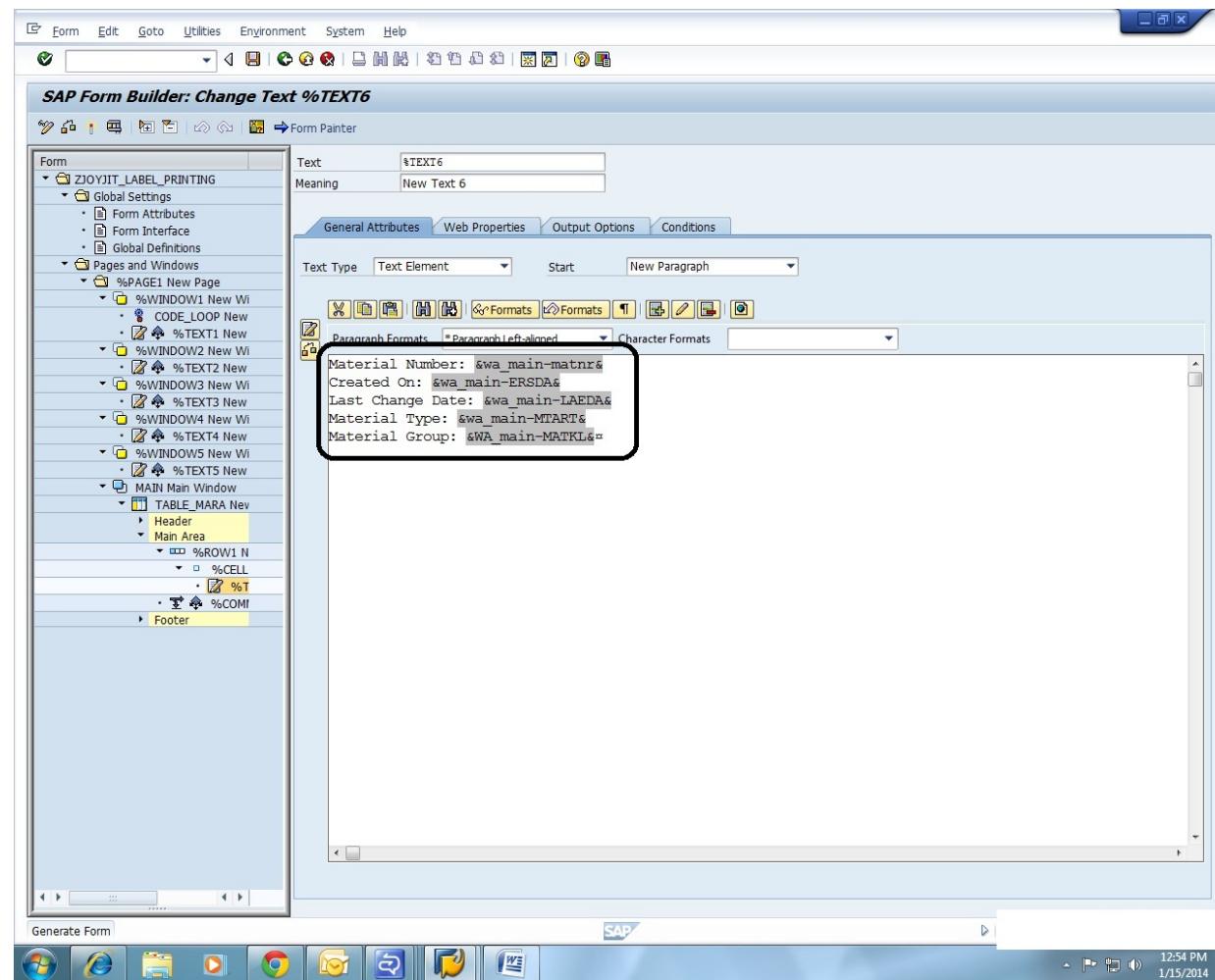
**STEP 14:** Go to the Main Area of the Table and create a Table Line with Line Type: %LTYPE1.



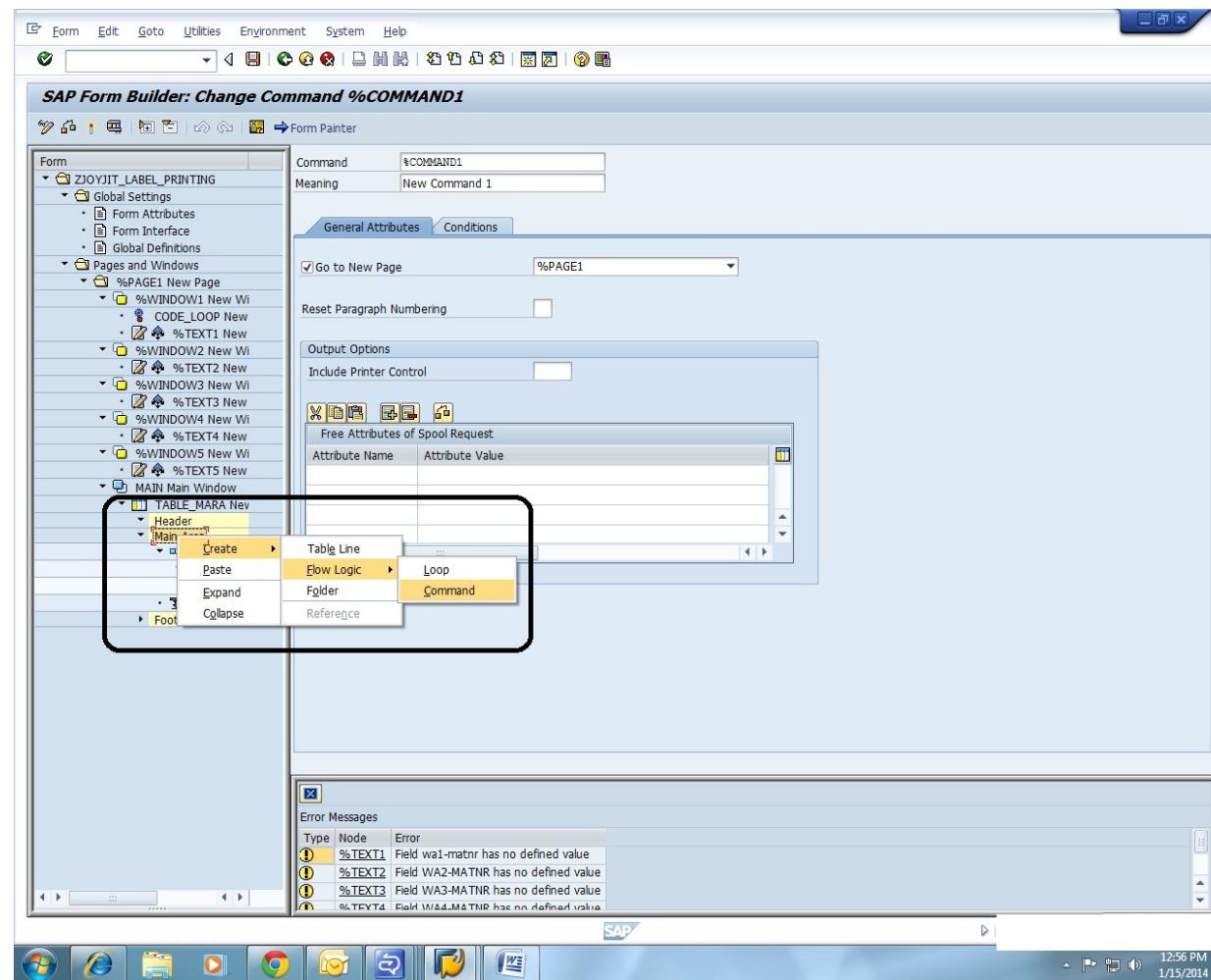
**STEP 15:** The Output Option tab of the Table line.



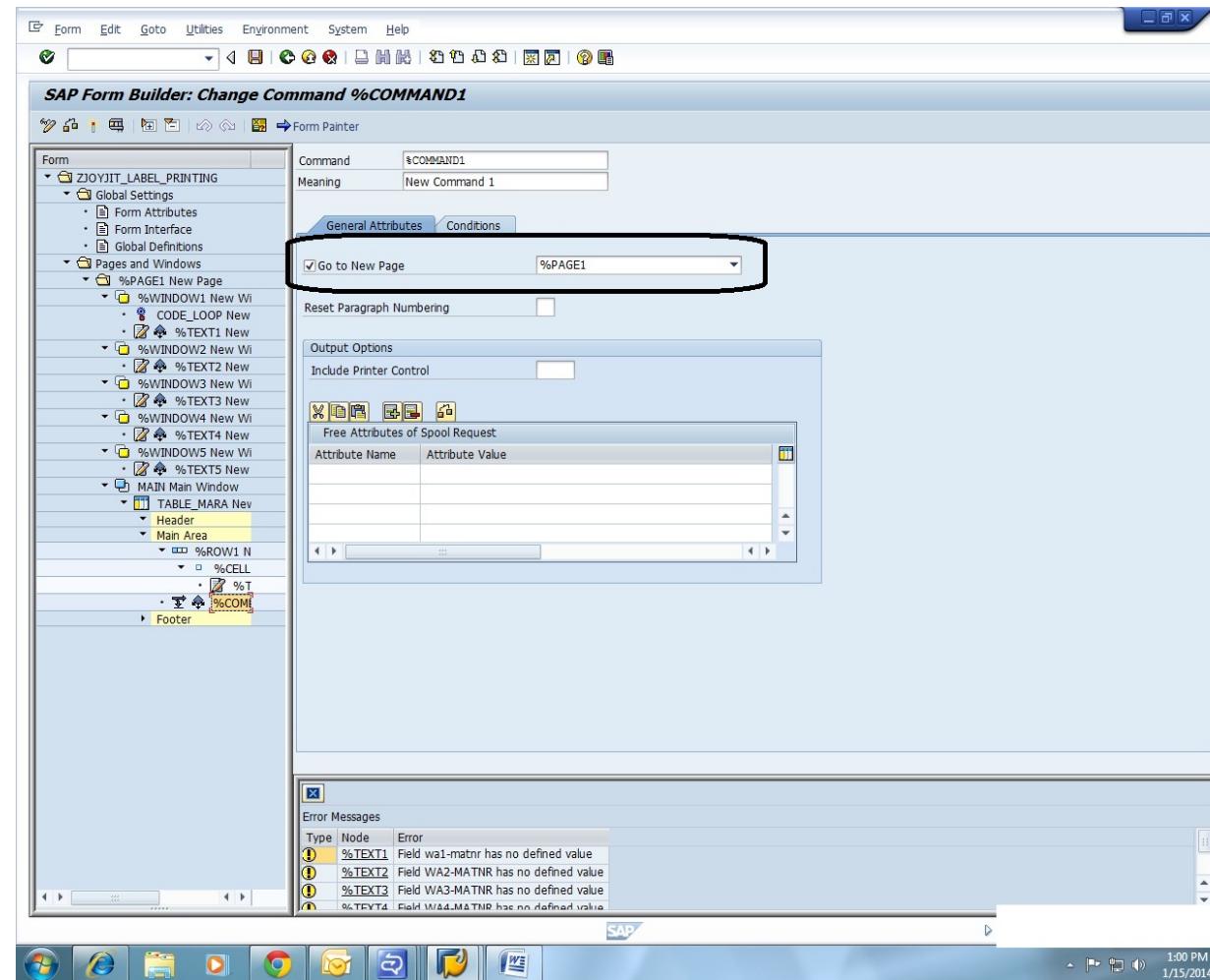
**STEP 15:** Create a text inside the cell of the table and set the headings as well as fields.

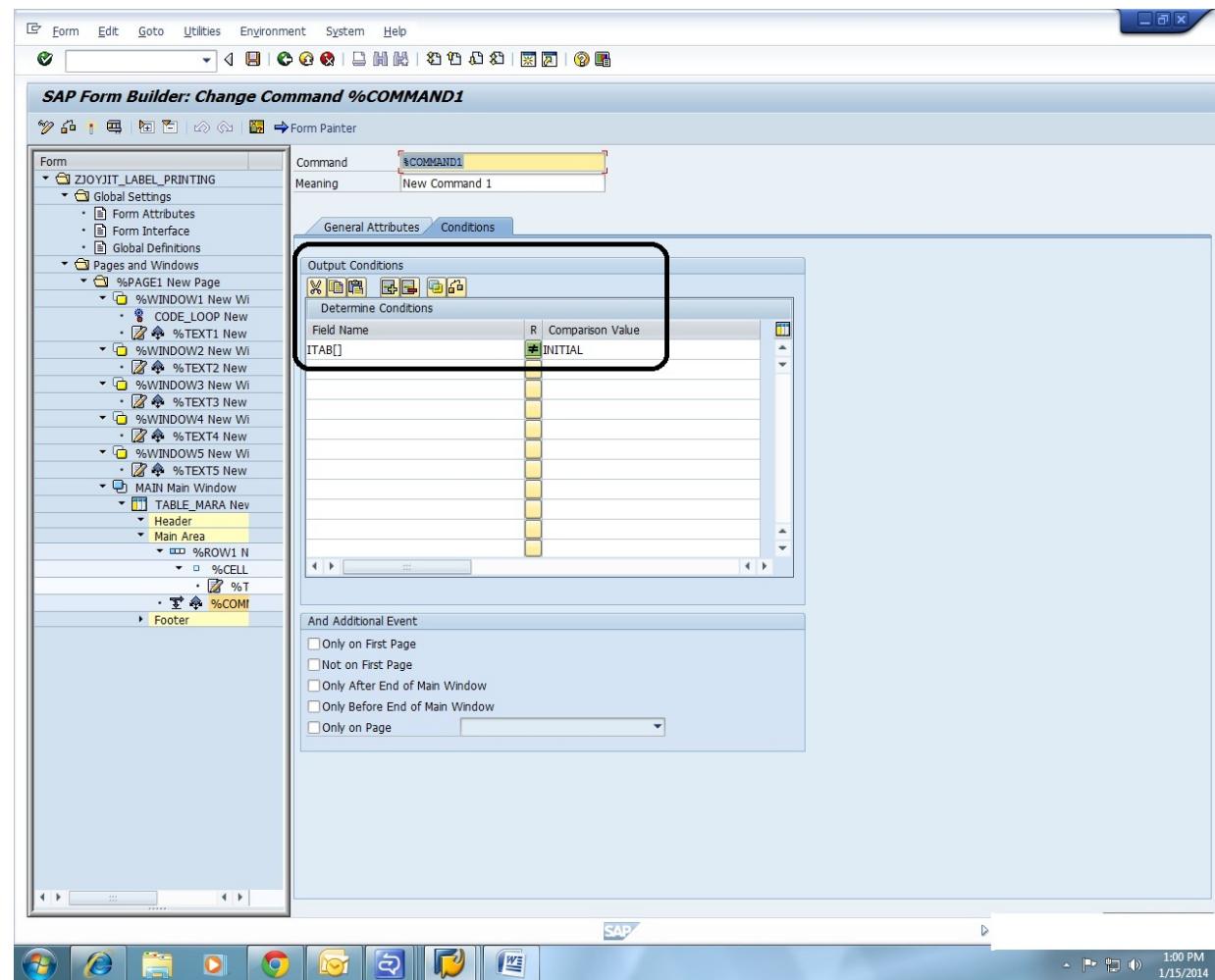


**STEP 16:** Now, create a Command in the main area of the table.



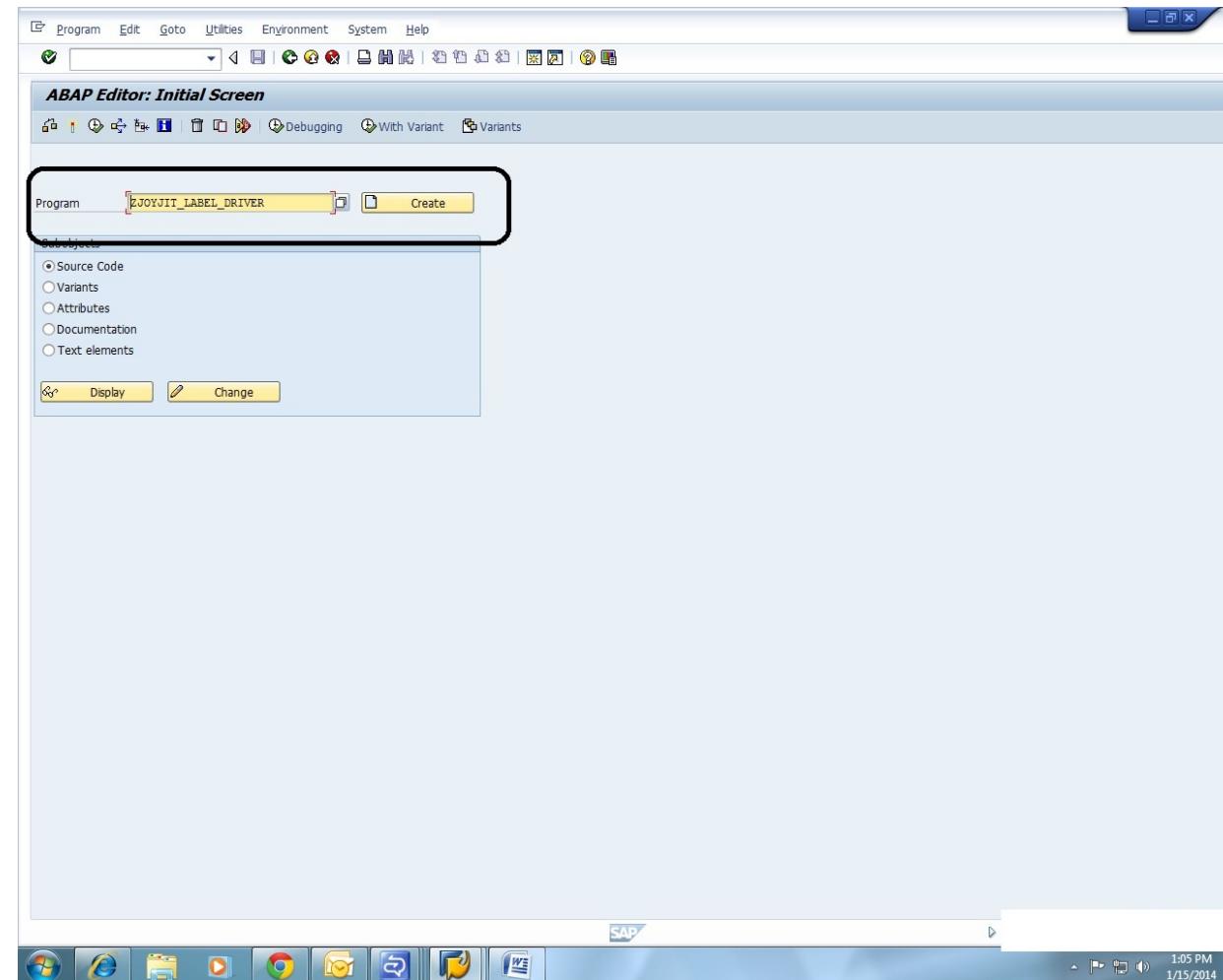
**STEP 17:** In the general Attribute Tab page, click on the Checkbox “Go to New Page” and Set the Page name (Suppose: %PAGE1) and in the Condition tab page set the ITAB NOT EQUAL TO INITIAL.





**Save, Activate and Test** the program in the display mode.

**STEP 18:** Now, go to the SE38 Transaction and write the Driver program to pass the data to the smart form from Mara Table (Suppose: ZJOYJIT\_LABEL\_DRIVER).



**STEP 19:** Write the Code in the report program to pass data to the Smart Form.

```
report zjoyjit_label_driver.

tables : mara .

data : itab      type zjoyjit_str_mara ,
wa       type zjoyjit_label ,
fname    type rs381_fnam .

selection-screen : begin of block b1 with frame title t1 .
select-options : s_matnr for mara-matnr .
selection-screen : end of block b1 .

start-of-selection .

select matnr
ersda
laeda
mtart
matkl
from mara
into table itab
where matnr in s_matnr .

call function 'SSF_FUNCTION_MODULE_NAME'
exporting
formname           = 'ZJOYJIT_LABEL_PRINTING'
* VARIANT          = ''
* DIRECT_CALL      = ''
importing
fm_name            = fname
* EXCEPTIONS
* NO_FORM          = 1
* NO_FUNCTION_MODULE = 2
```

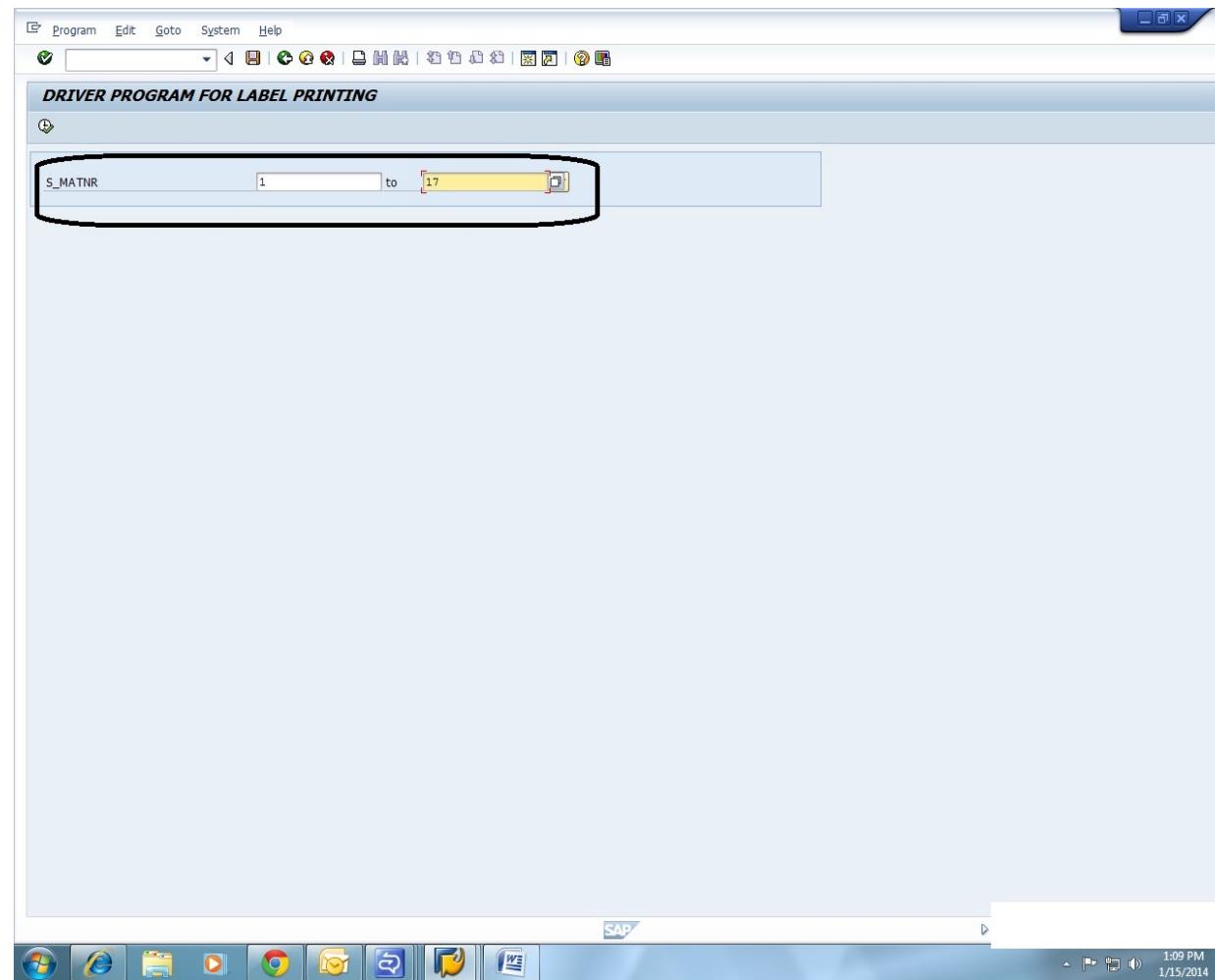
```
* OTHERS          = 3
.

call function fname
* EXPORTING
* ARCHIVE_INDEX      =
* ARCHIVE_INDEX_TAB   =
* ARCHIVE_PARAMETERS   =
* CONTROL_PARAMETERS   =
* MAIL_APPL_OBJ      =
* MAIL_RECIPIENT     =
* MAIL_SENDER        =
* OUTPUT_OPTIONS      =
* USER_SETTINGS       = 'X'
* IMPORTING
* DOCUMENT_OUTPUT_INFO =
* JOB_OUTPUT_INFO     =
* JOB_OUTPUT_OPTIONS   =
tables
itab                      = itab
exceptions
formatting_error           = 1
internal_error              = 2
send_error                  = 3
user_canceled               = 4
others                      = 5
.
```

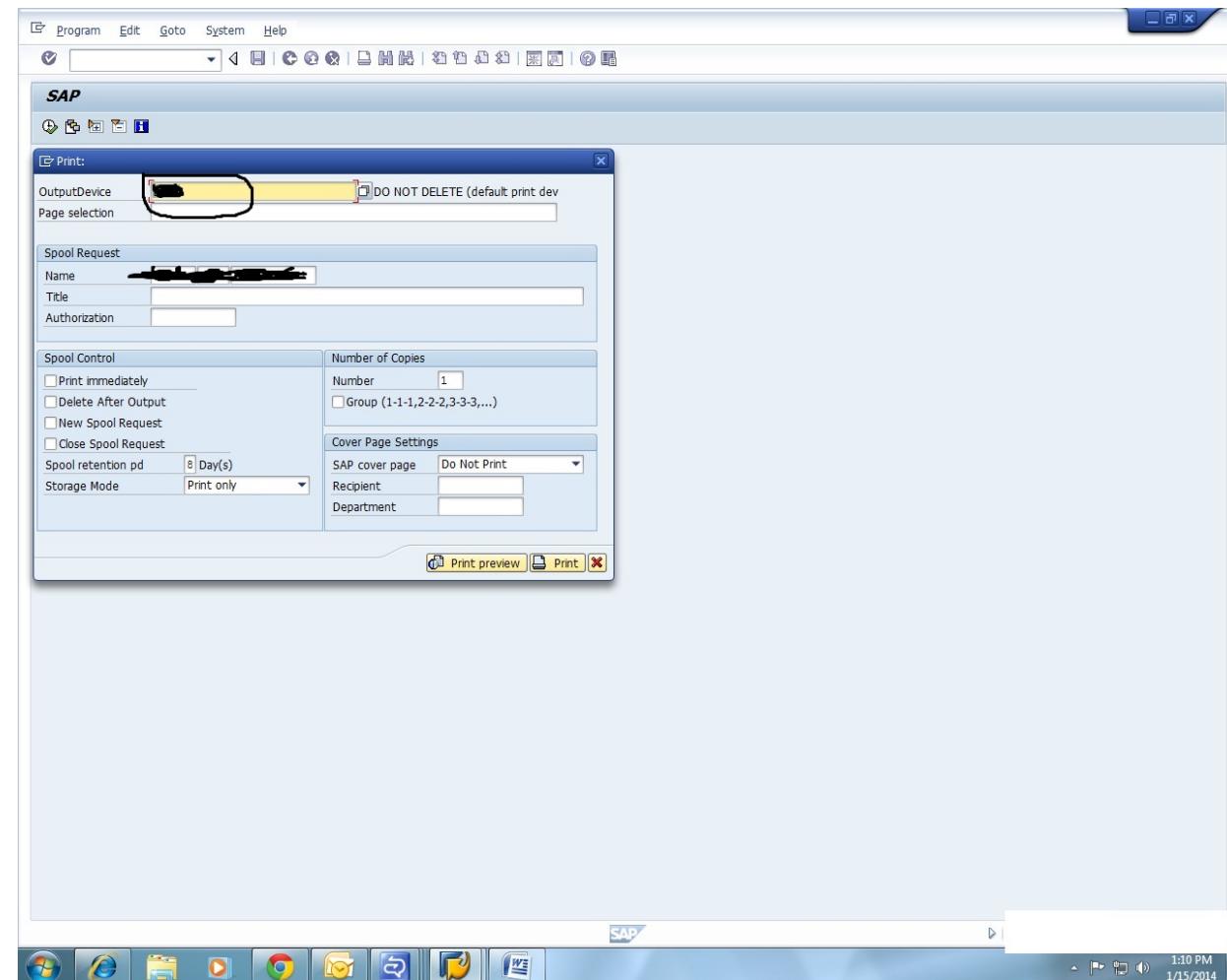
**STEP 20:** Save, Compile, Activate and Run the Program with the printer.

## OUTPUT:

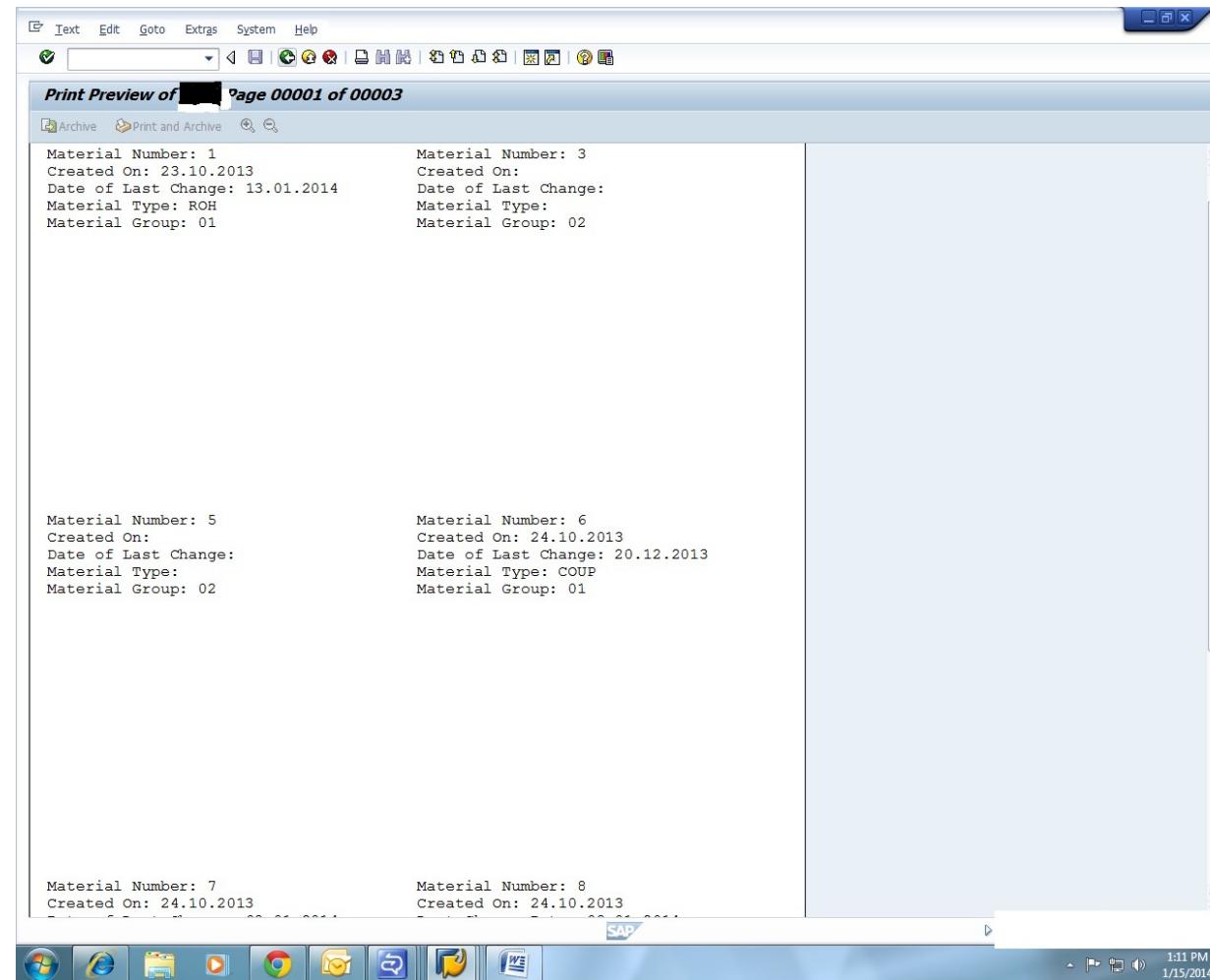
### THE SELECTION SCREEN:



## THE PRINTER SELECTION SCREEN:



CLICK ON PRINT PREVIEW:



Thanks & Regards,

Joyjit Biswas



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