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LSMW for uploading BOM

1.1.1. Purpose

This document will briefly discuss LSMW for uploading Bill of Material using Direct Input Method.

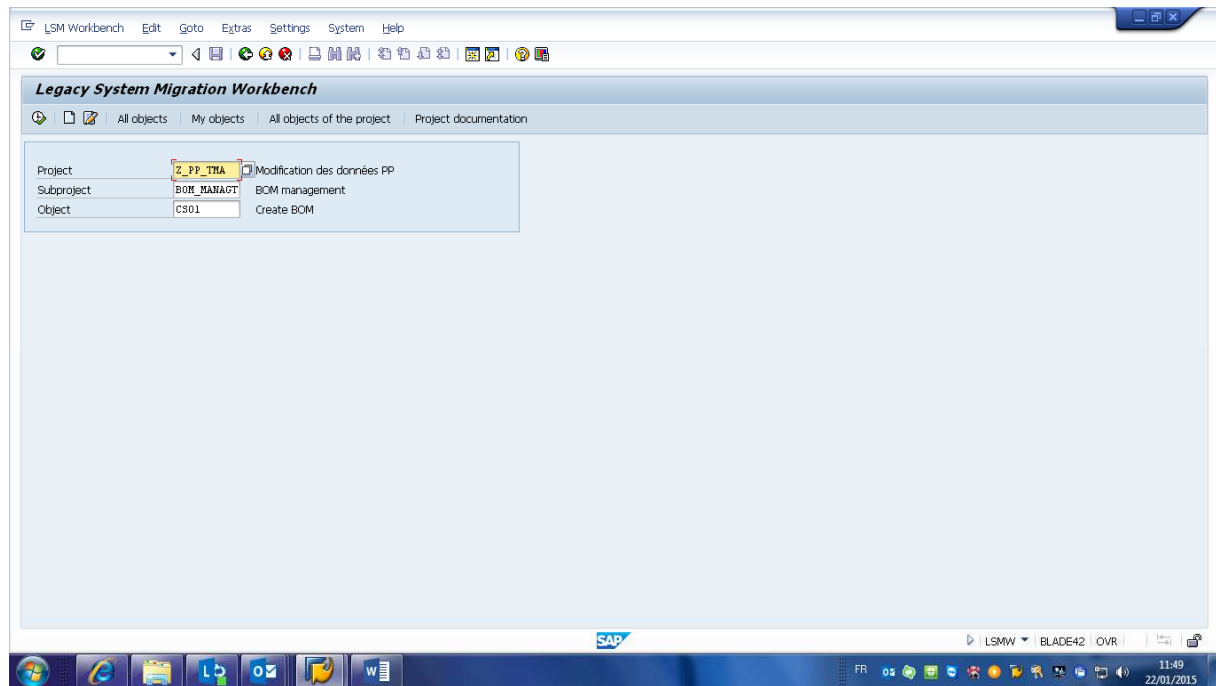
1.1.2. Prepare LSMW

Project : As name describes, I mention the name of the project.

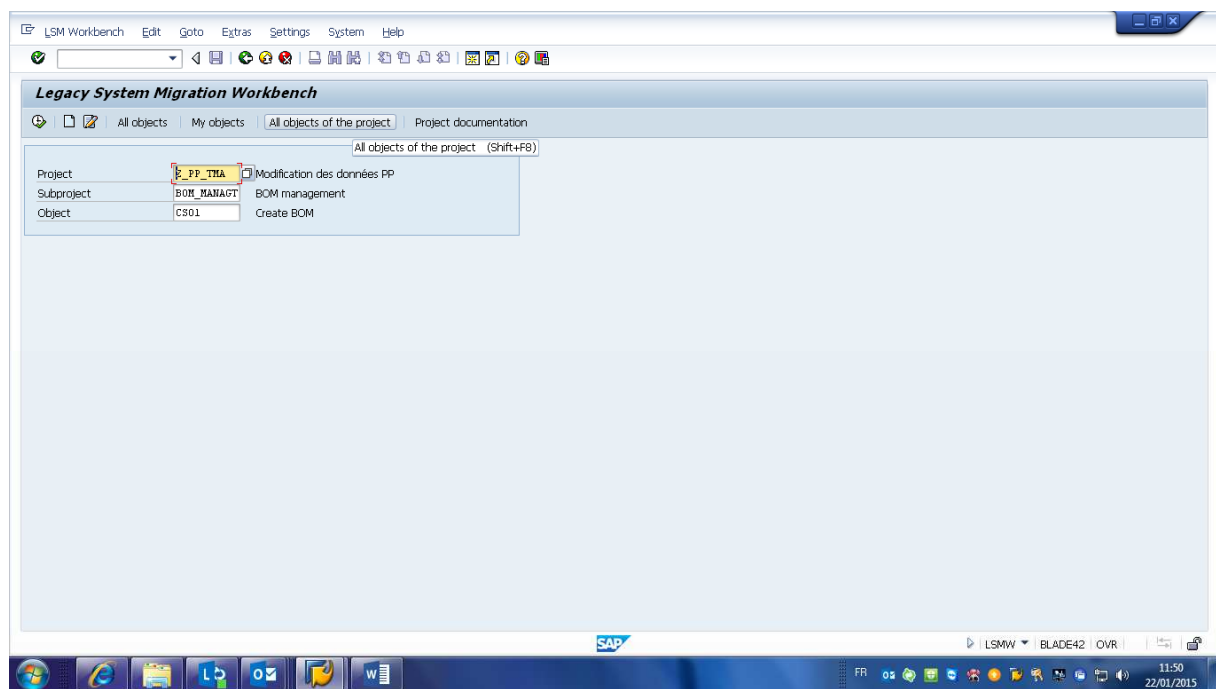
Subproject : I usually maintain the module for which we are preparing.

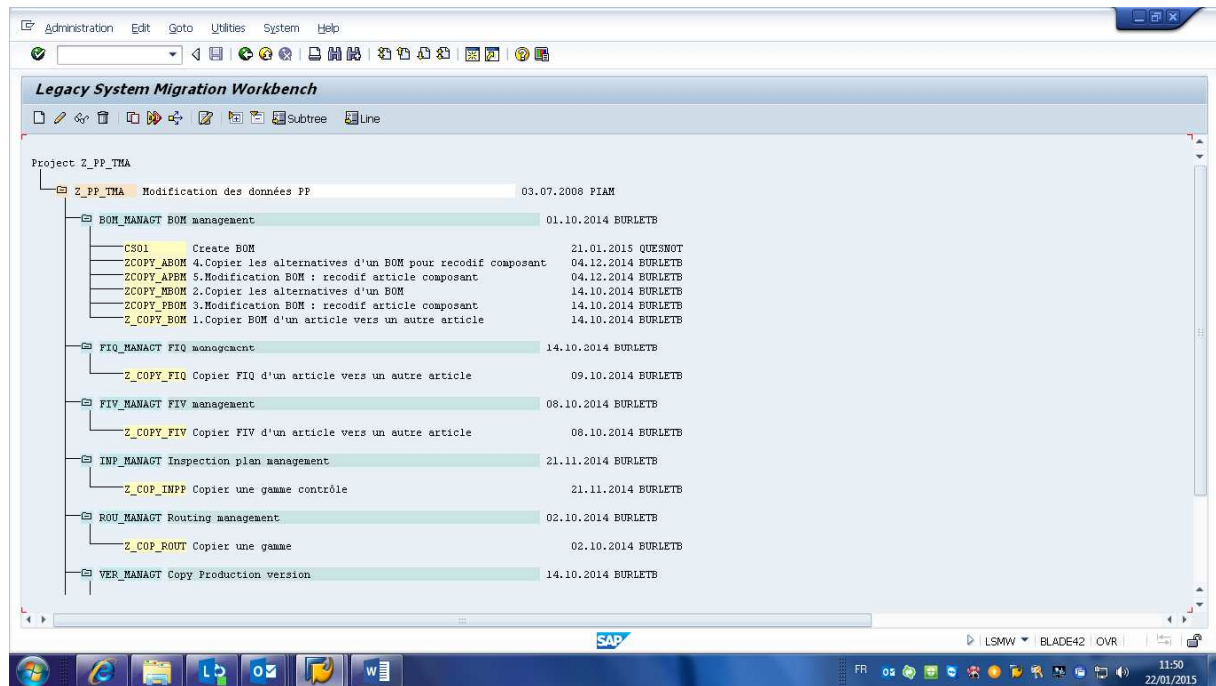
Object : It is the business object, in this case I mention as BOM

Here I mention LSMW as



One advantage of this kind of naming is, we can see all objects created under one project - under one subproject.





1.1.3. Procedure

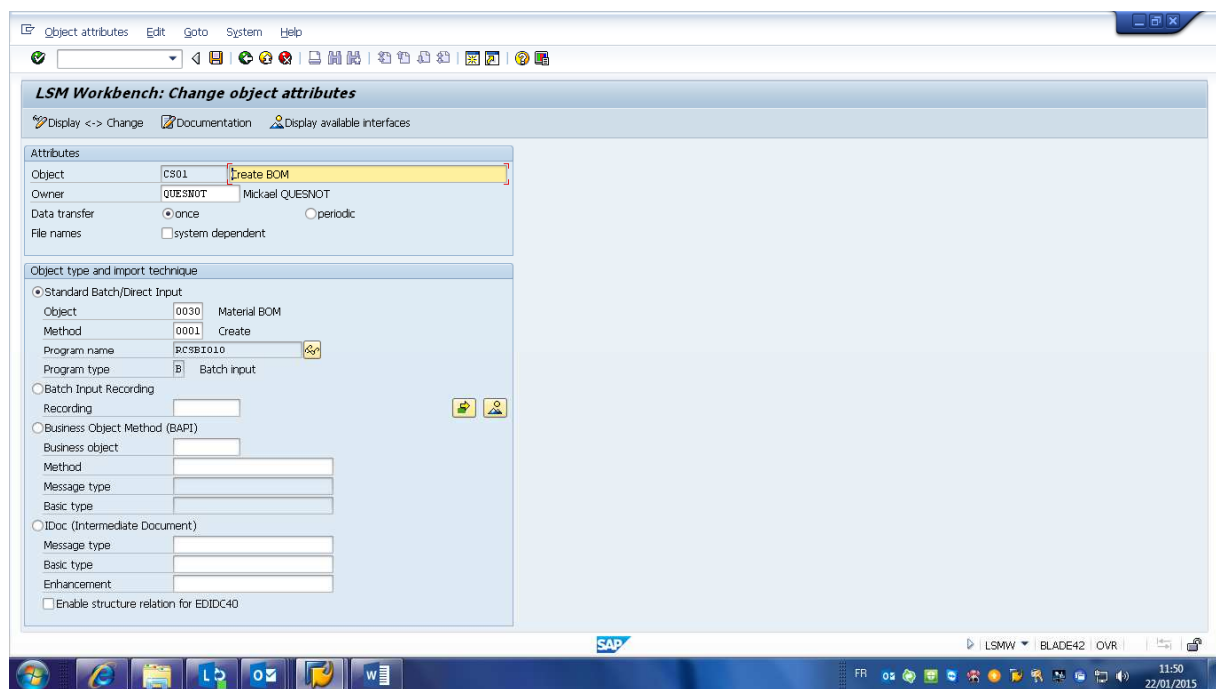
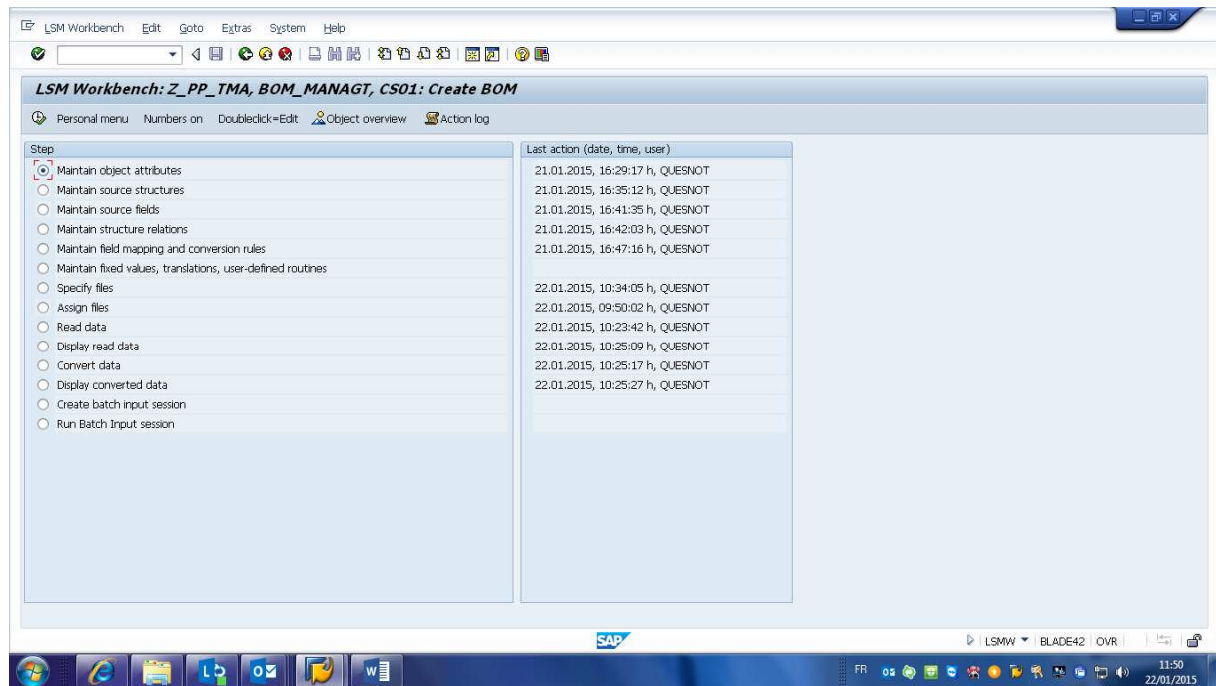
Step 1 : Maintain Object Attributes

Object 0030 Material BOM

Method 0001 Create

Program name RCSBI010

Program type B Batch input



Step 2 : Maintain Source Structures

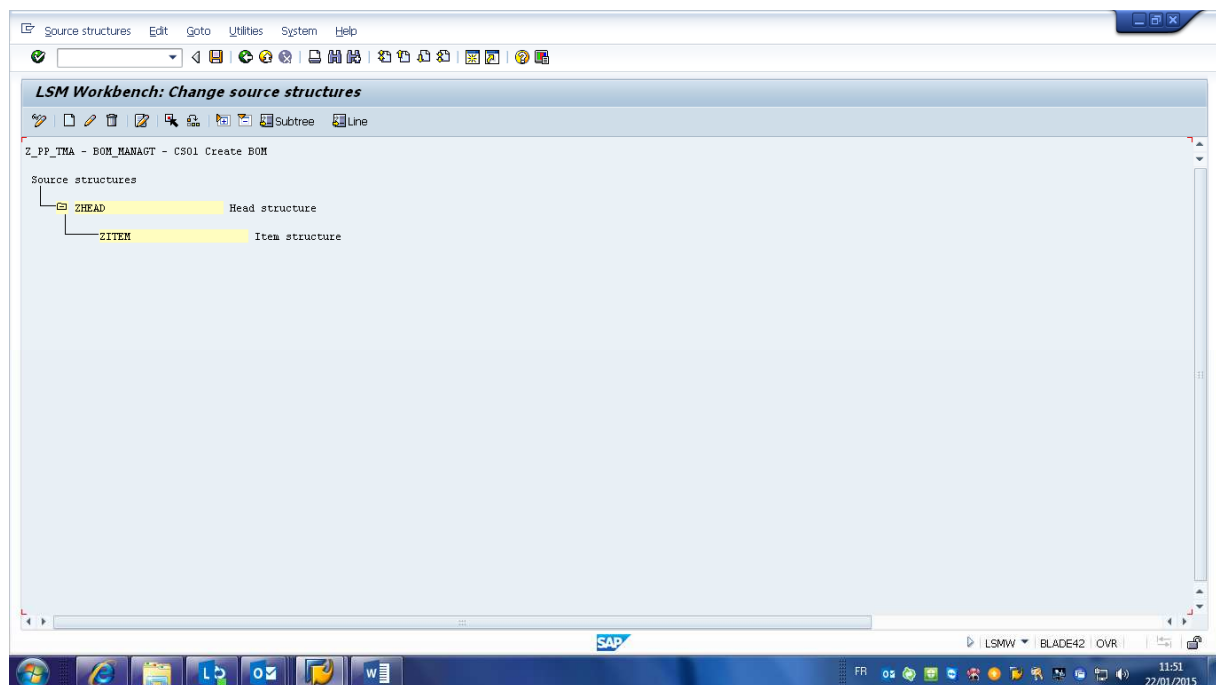
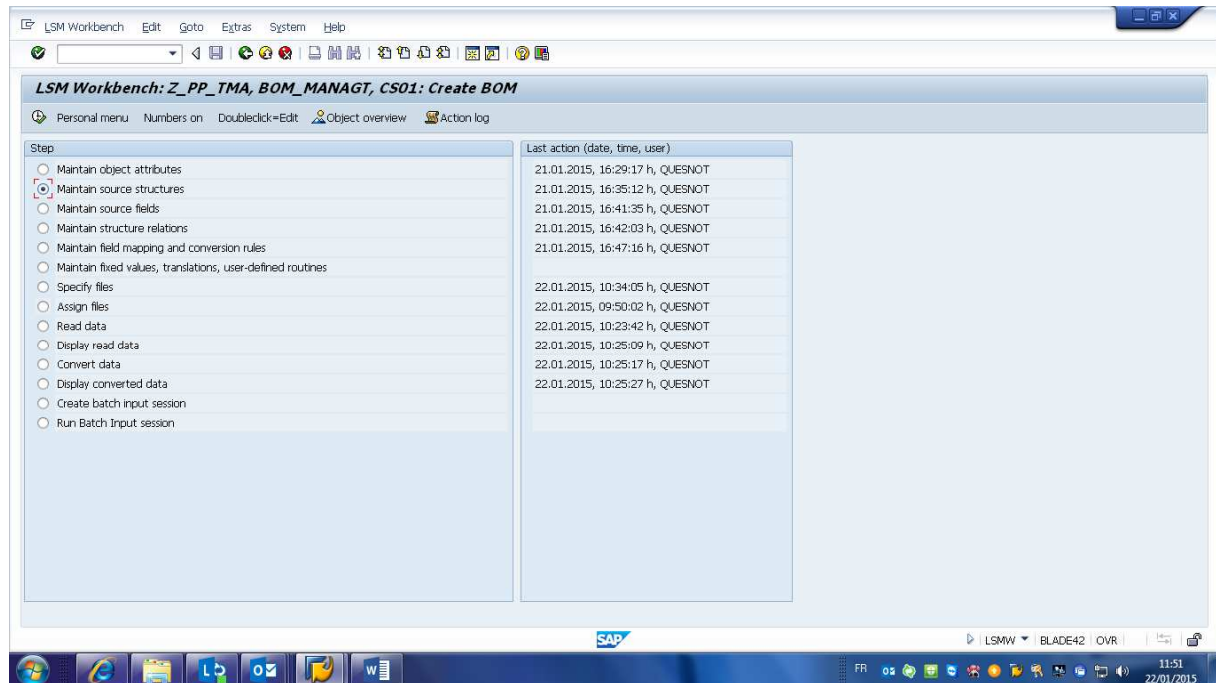
Create two structures, second structure as lower level.

ZHEAD

Head structure

ZITEM

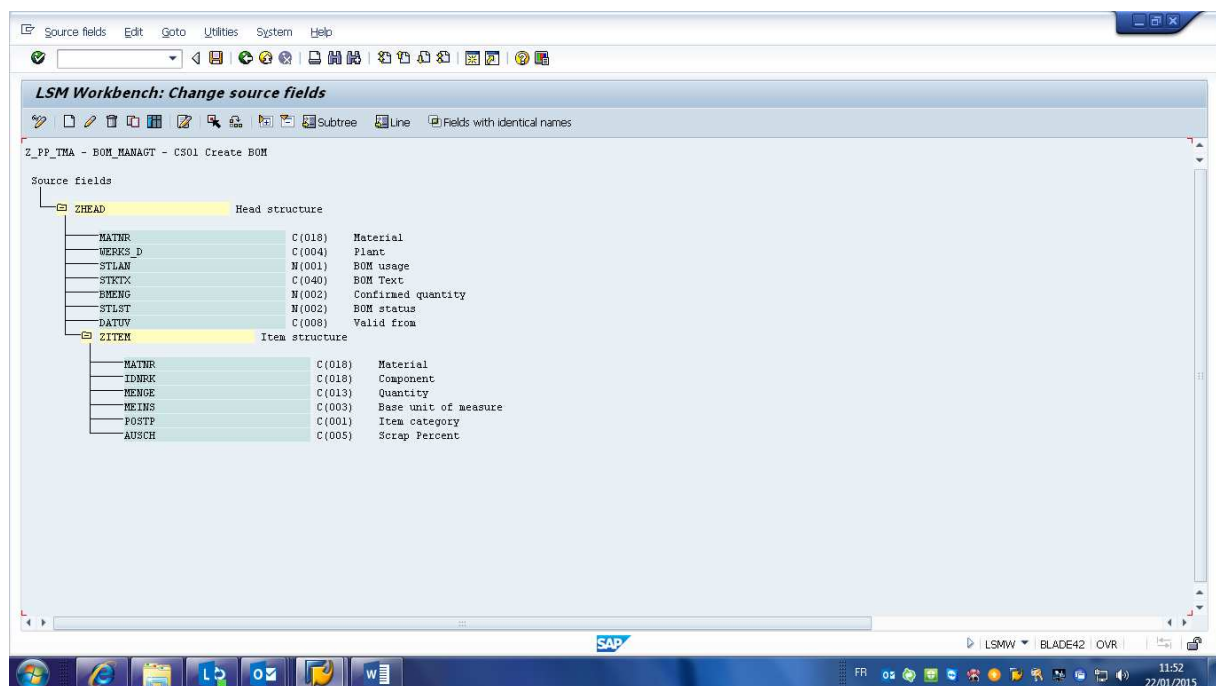
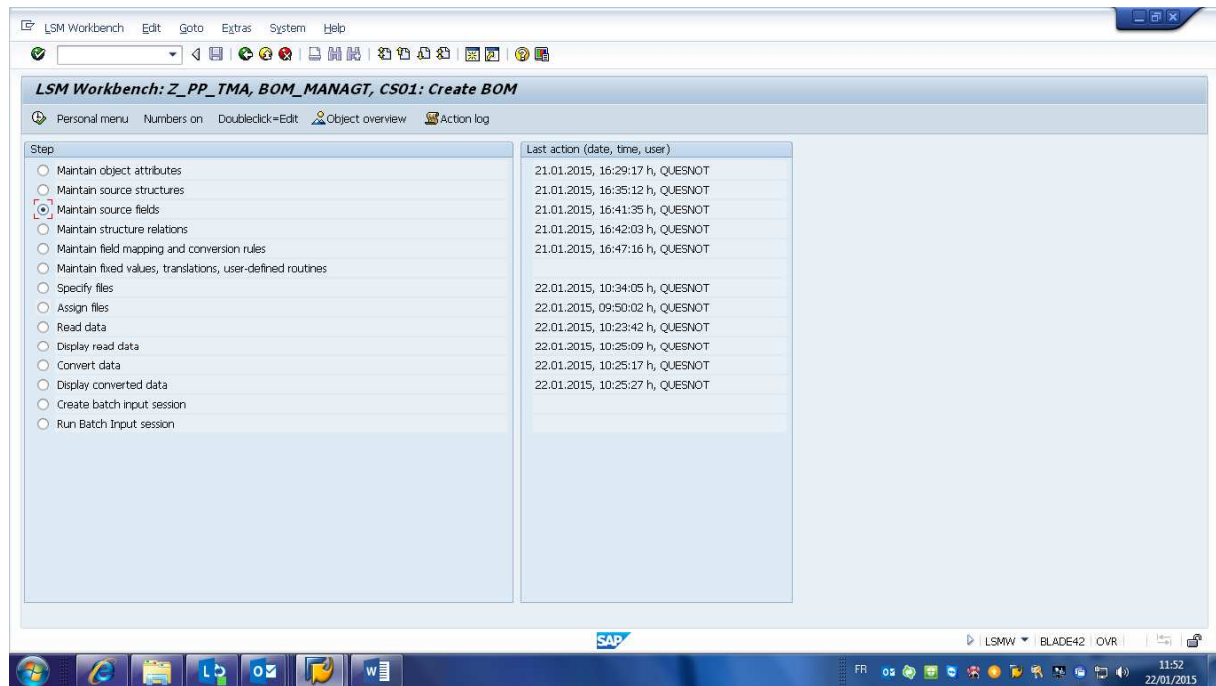
Item structure



Step 3 : Maintain Source Fields

Here we maintain two structures - one for header level data and second one for item data. Header Material number (MATNR) is the common field connecting these two structures.

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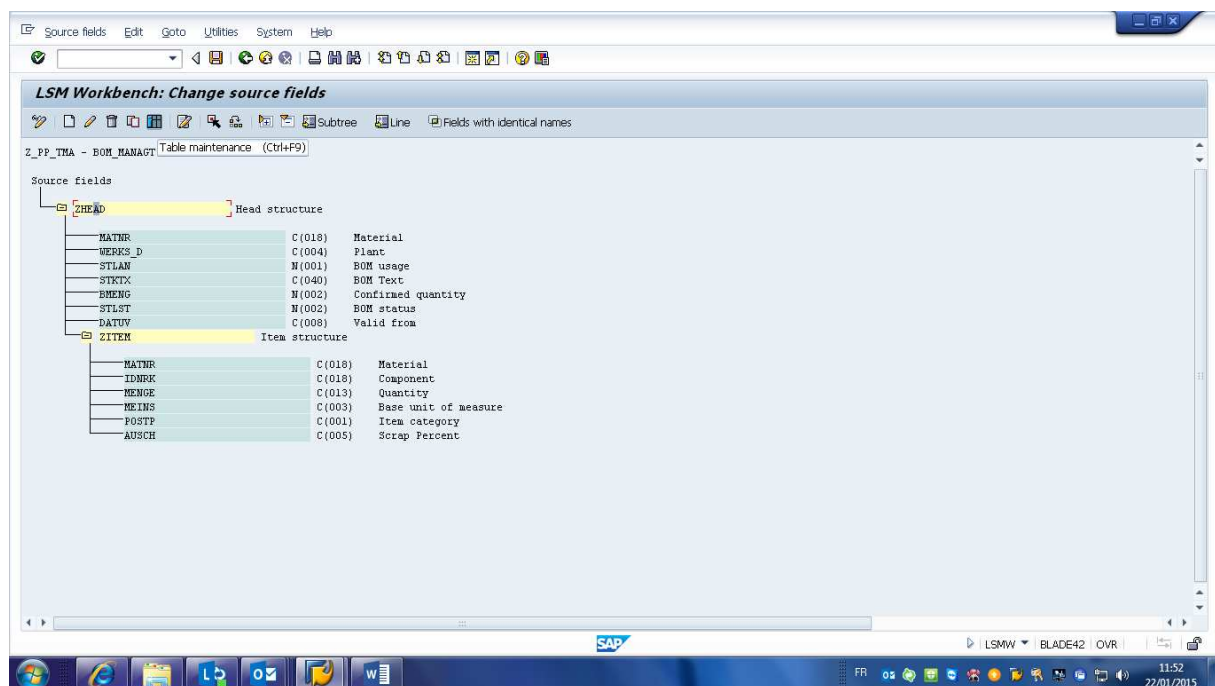
Source fields

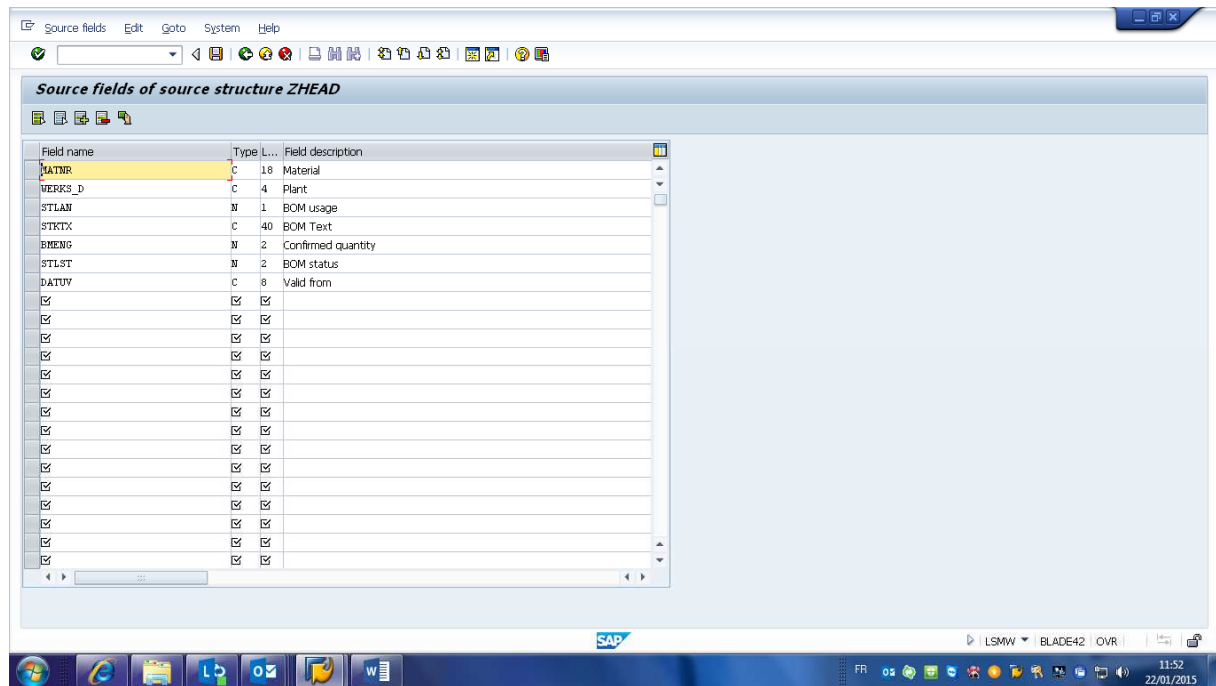
ZHEAD

Head structure

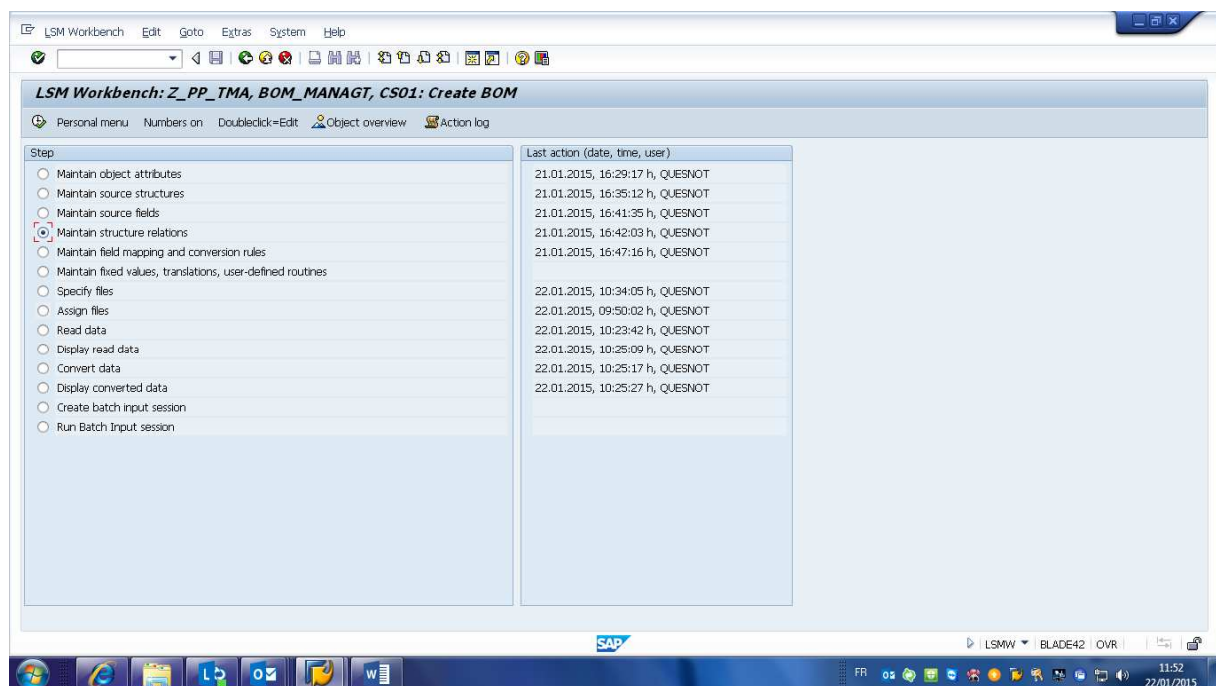
MATNR	C(018)	Material
WERKS_D	C(004)	Plant
STLAN	N(001)	BOM usage
STKTX	C(040)	BOM Text
BMENG	N(002)	Confirmed quantity
STLST	N(002)	BOM status
DATUV	C(008)	Valid from
ZITEM		Item structure

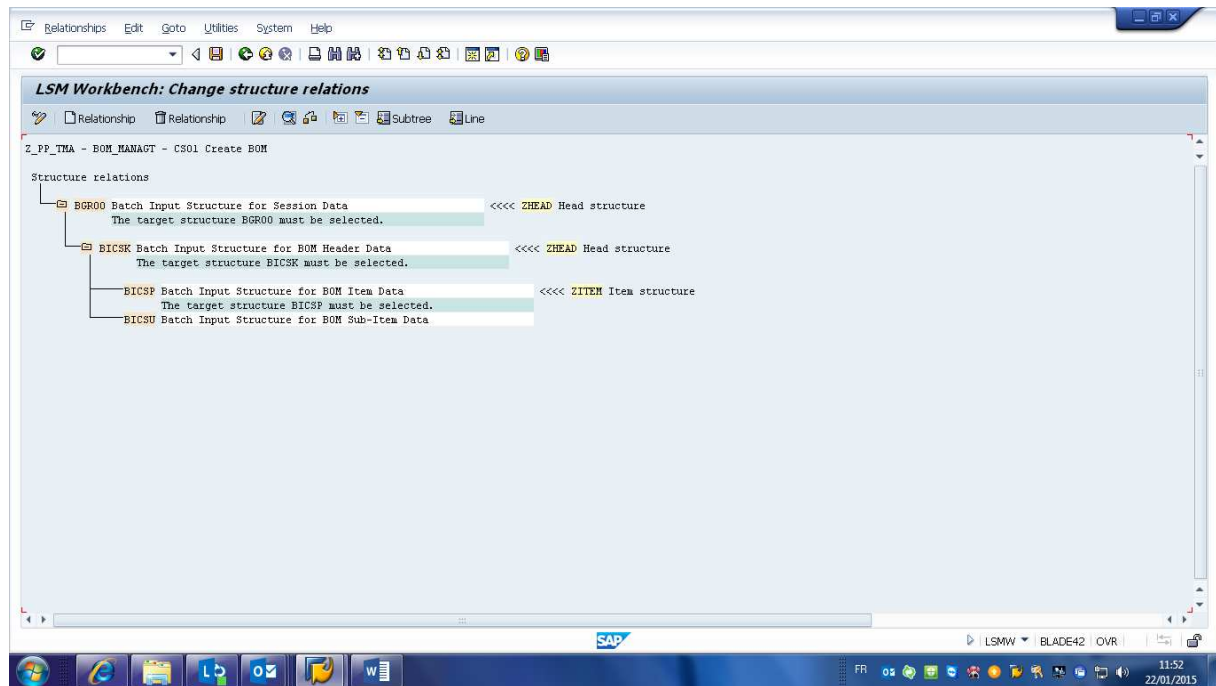
MATNR	C(018)	Material
IDNRK	C(018)	Component
MENGE	C(013)	Quantity
MEINS	C(003)	Base unit of measure
POSTP	C(001)	Item category
AUSCH	C(005)	Scrap Percent





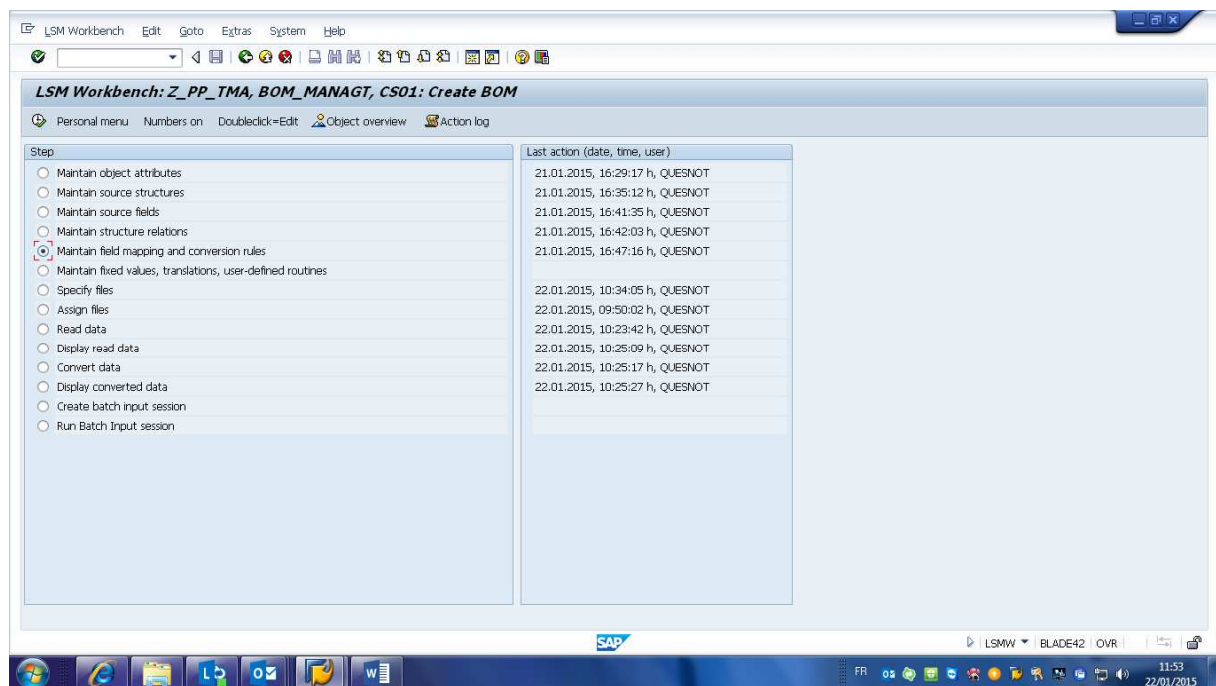
Step 4 : Maintain Structure Relations

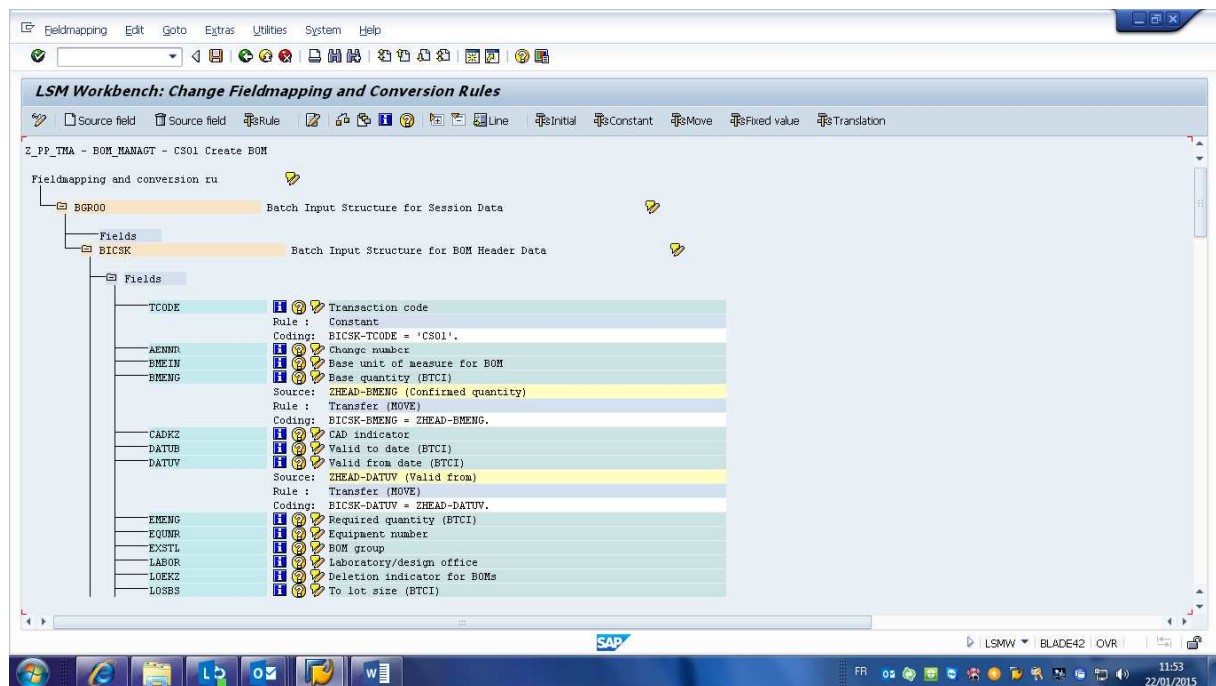




Step 5 : Maintain Field Mapping and Conversion Rules

Maintain fields for both the two structures.



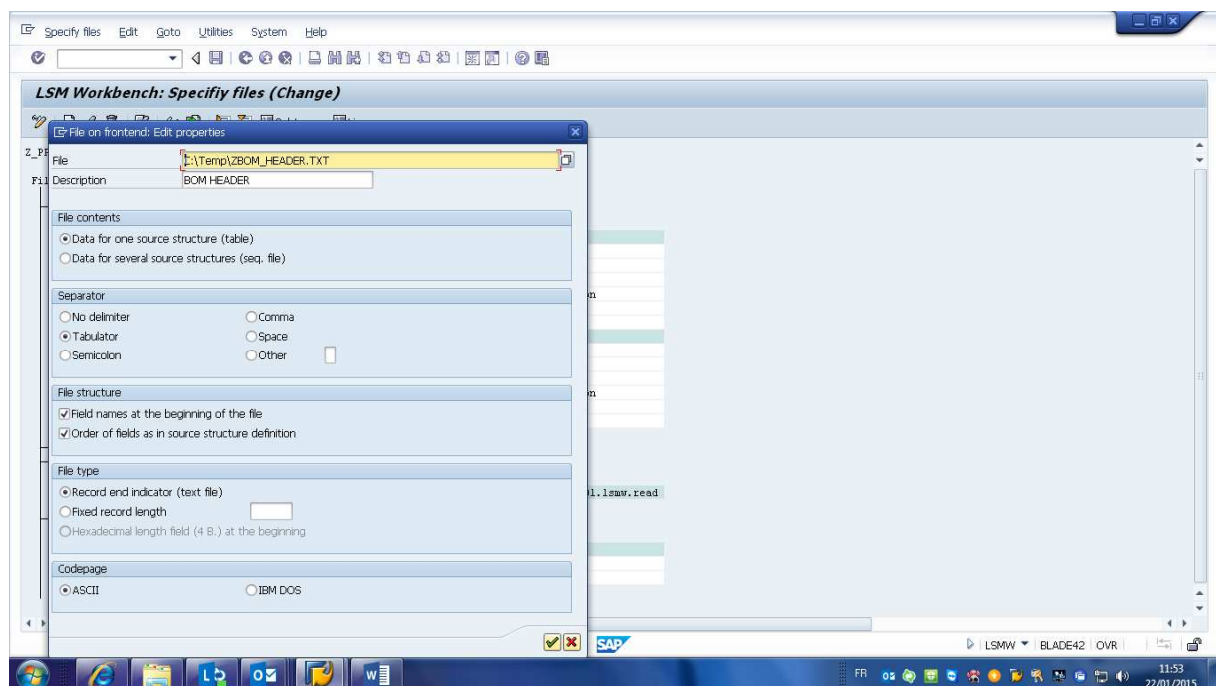
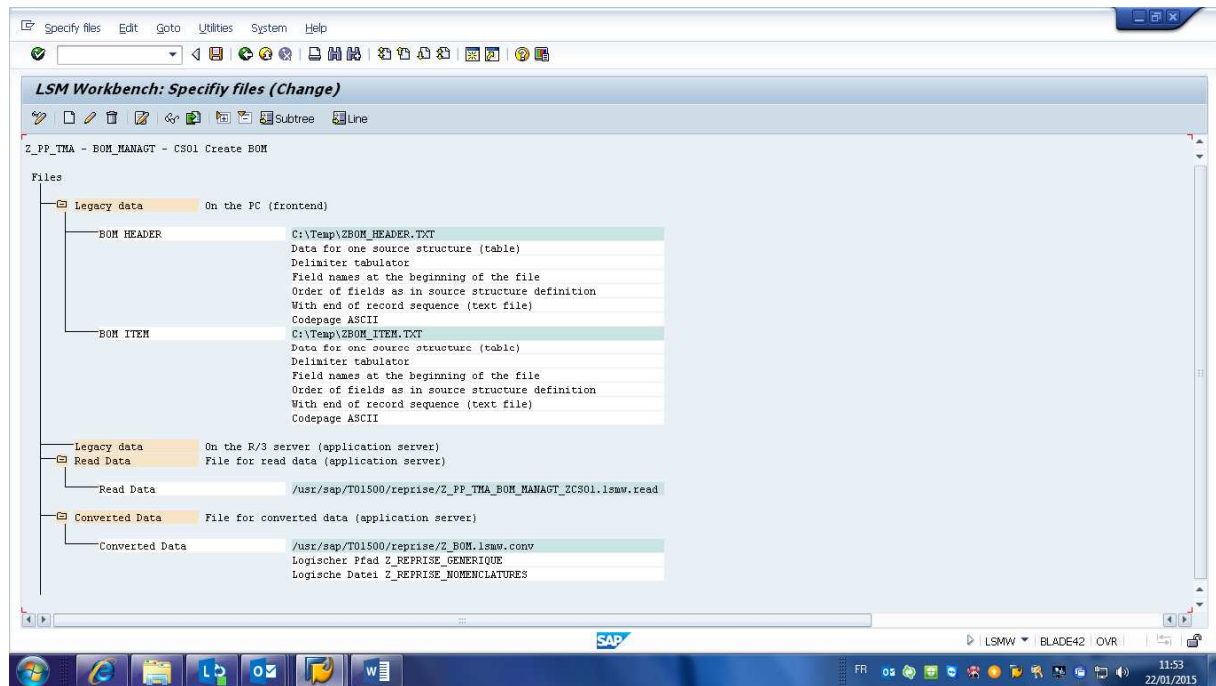


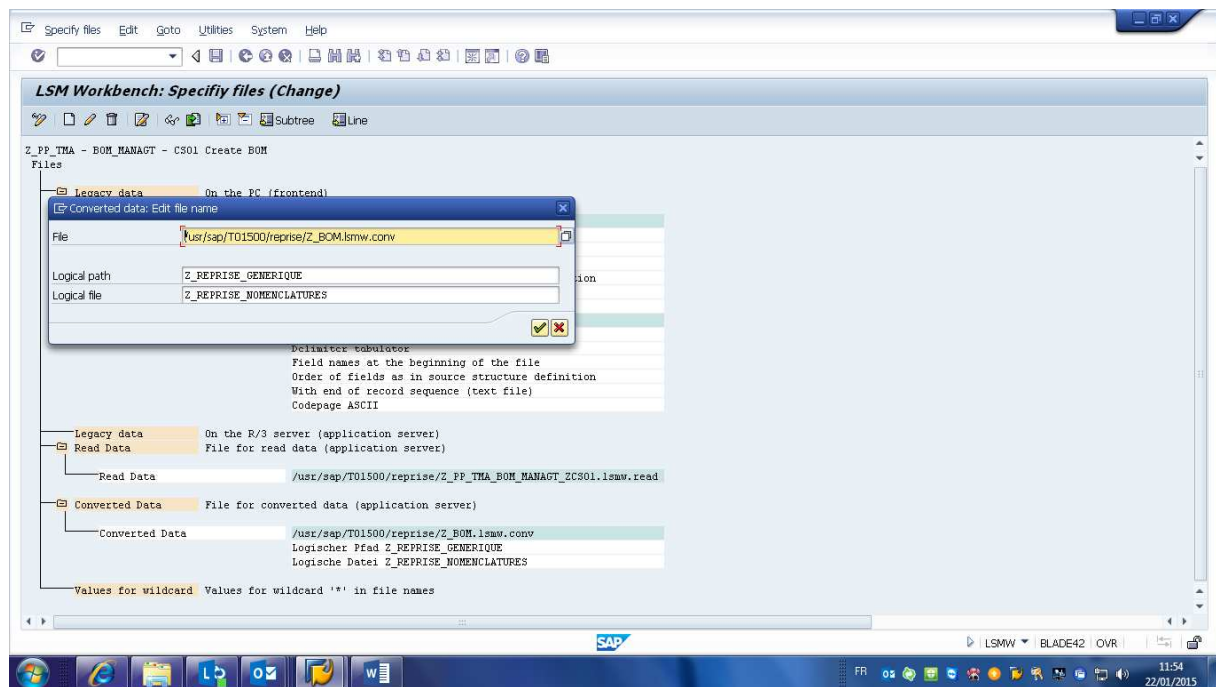
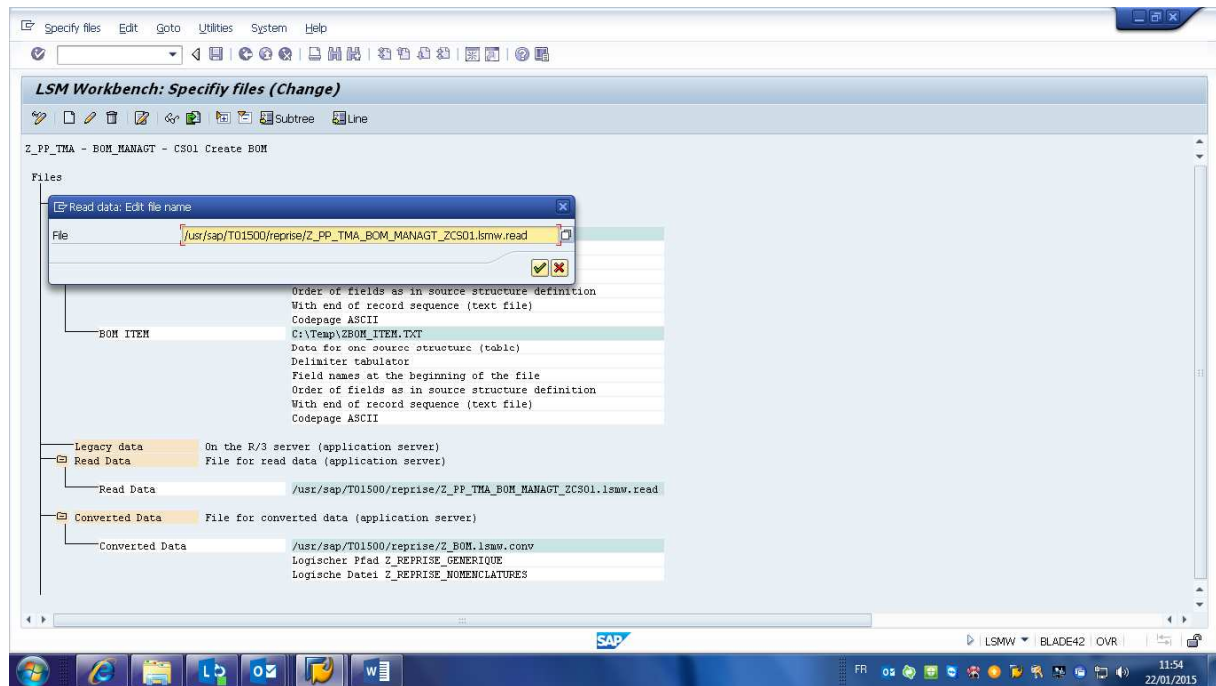
Step 6 : Prepare Excel File.

Prepare both header and item file separately.

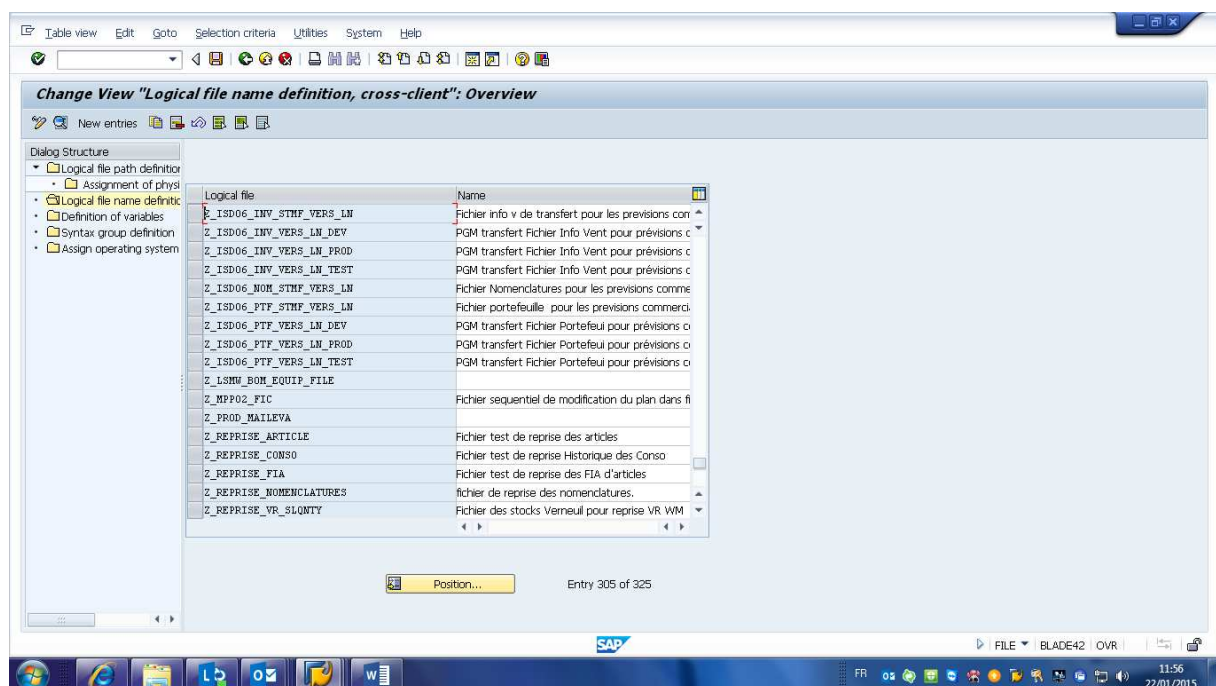
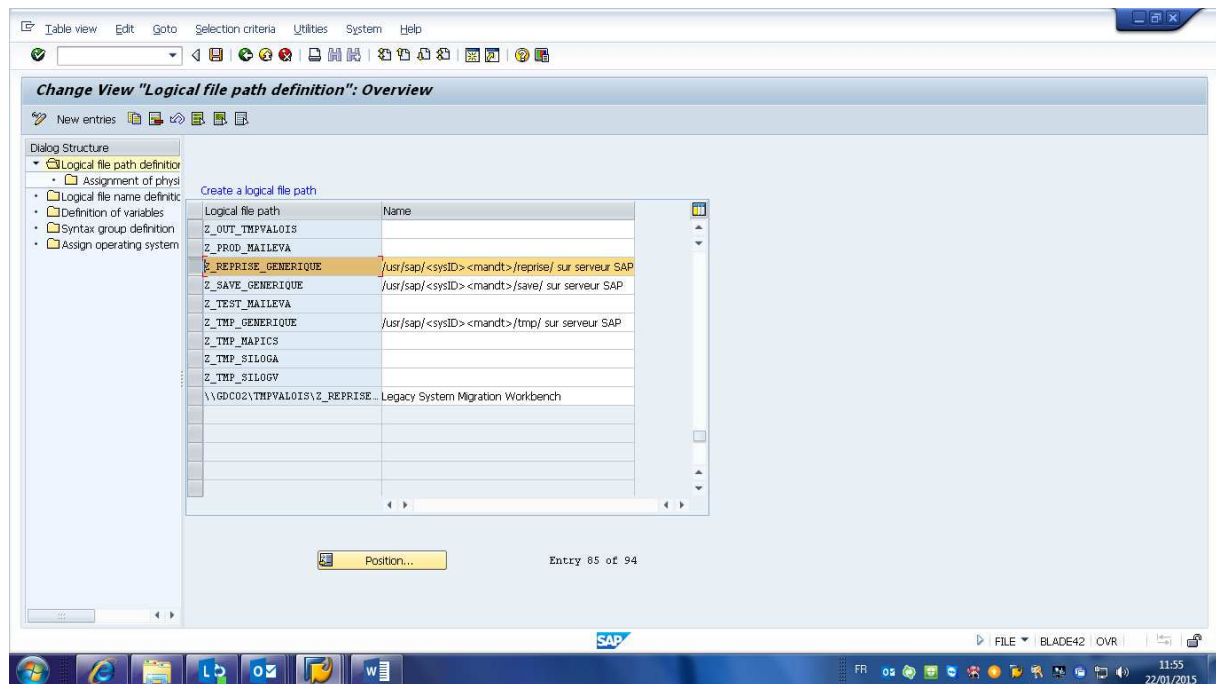
Step 7 : Specify Files

Item file should be created under the Header file.

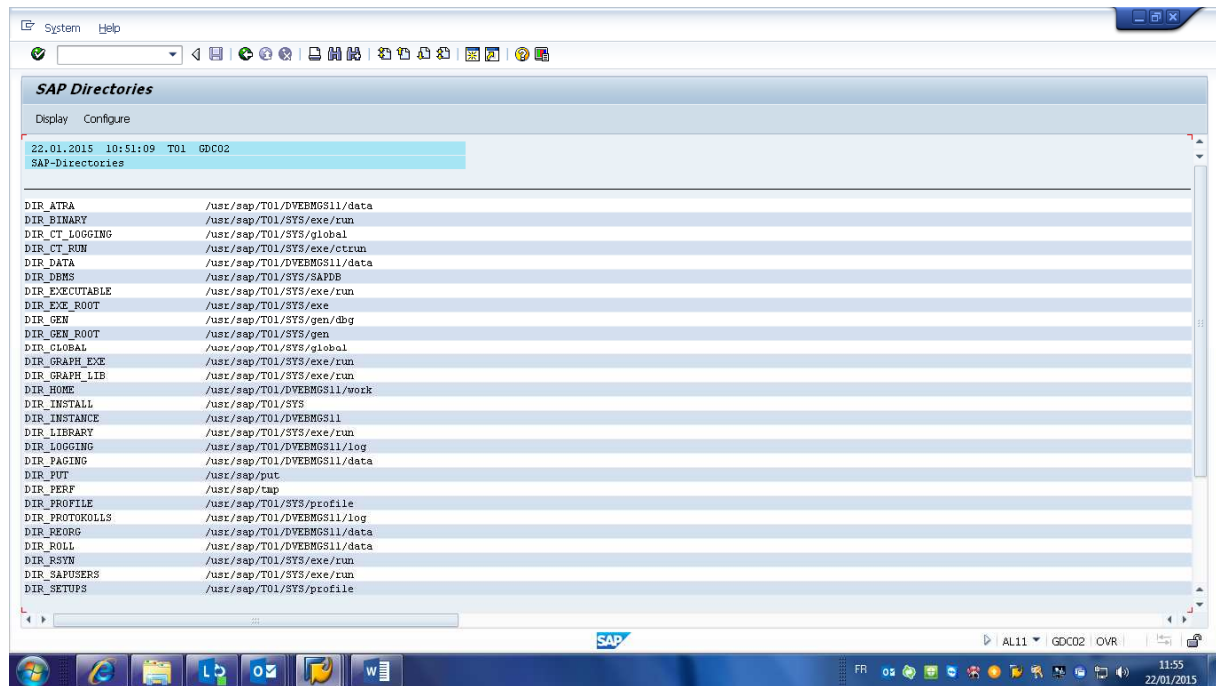




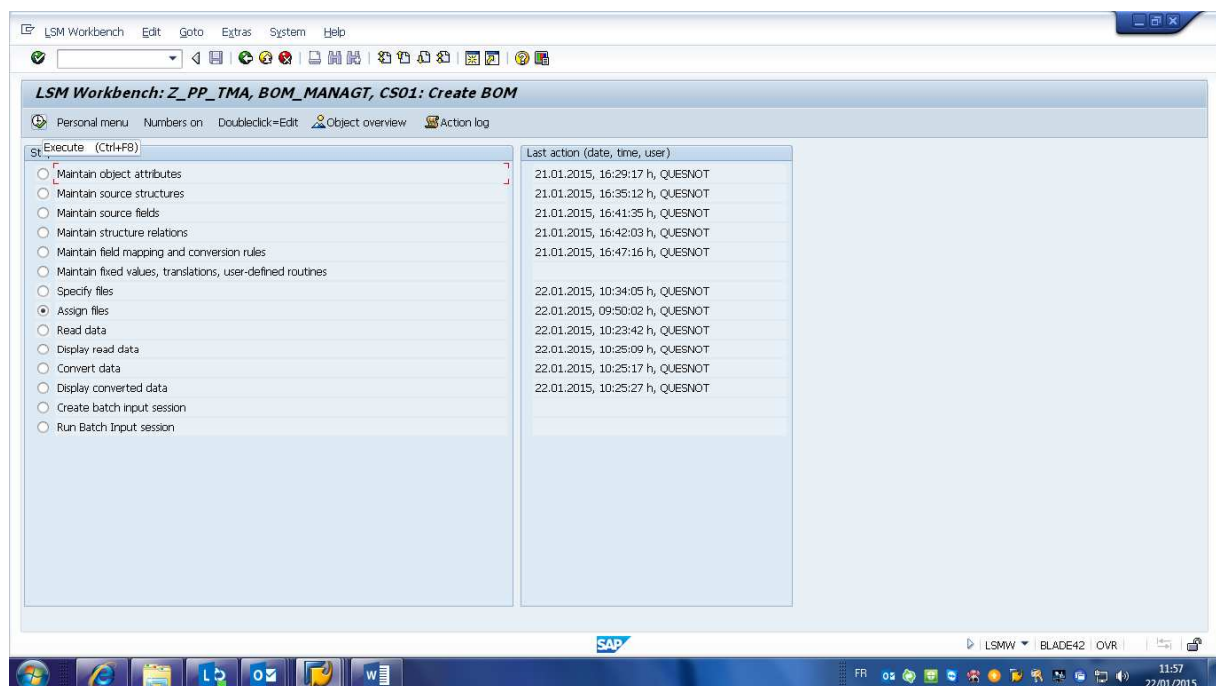
Logical File path must be created in transaction FILE.

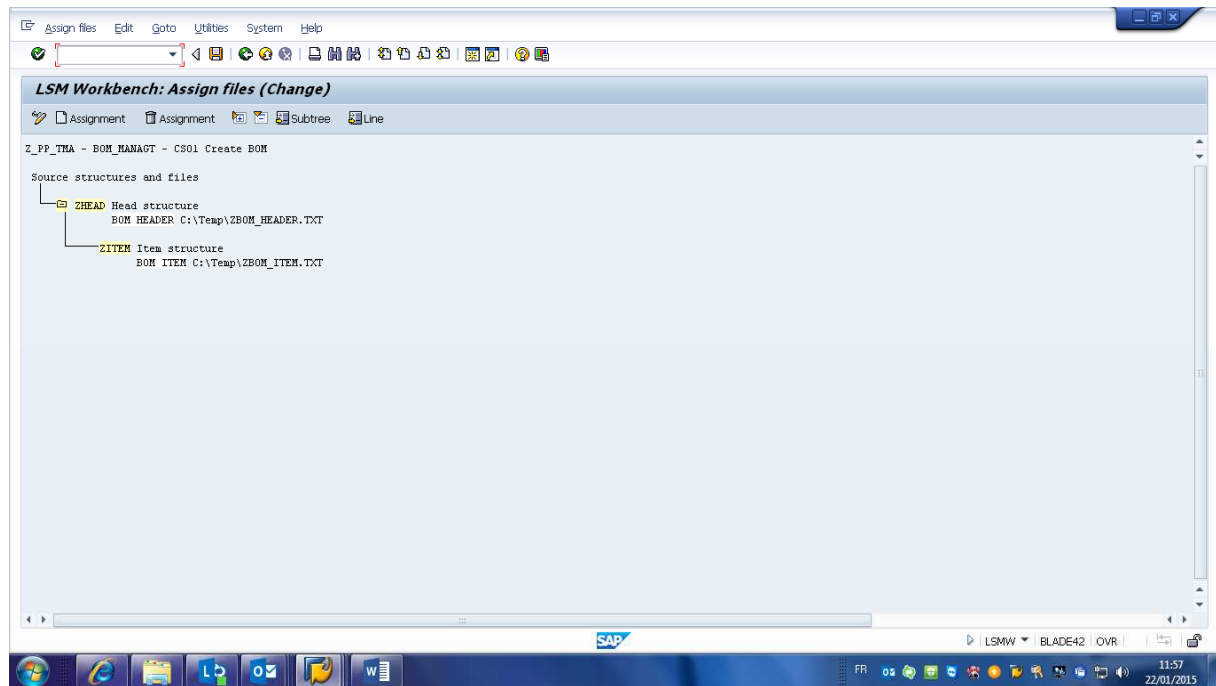


AL11

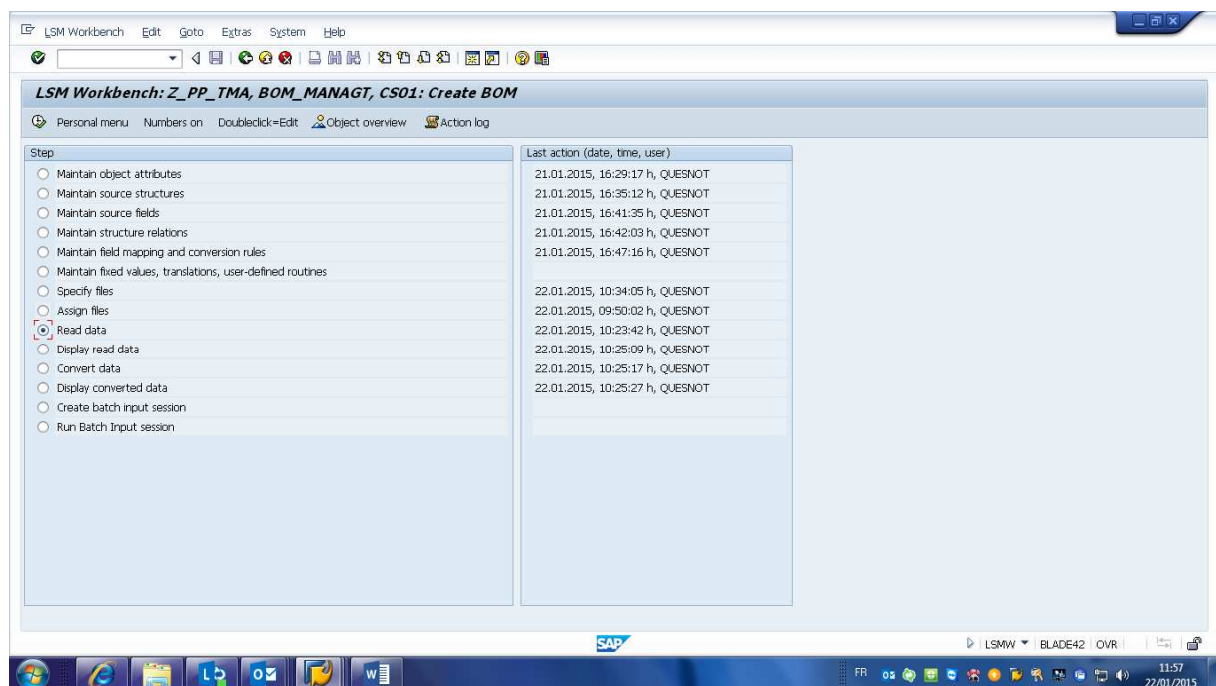


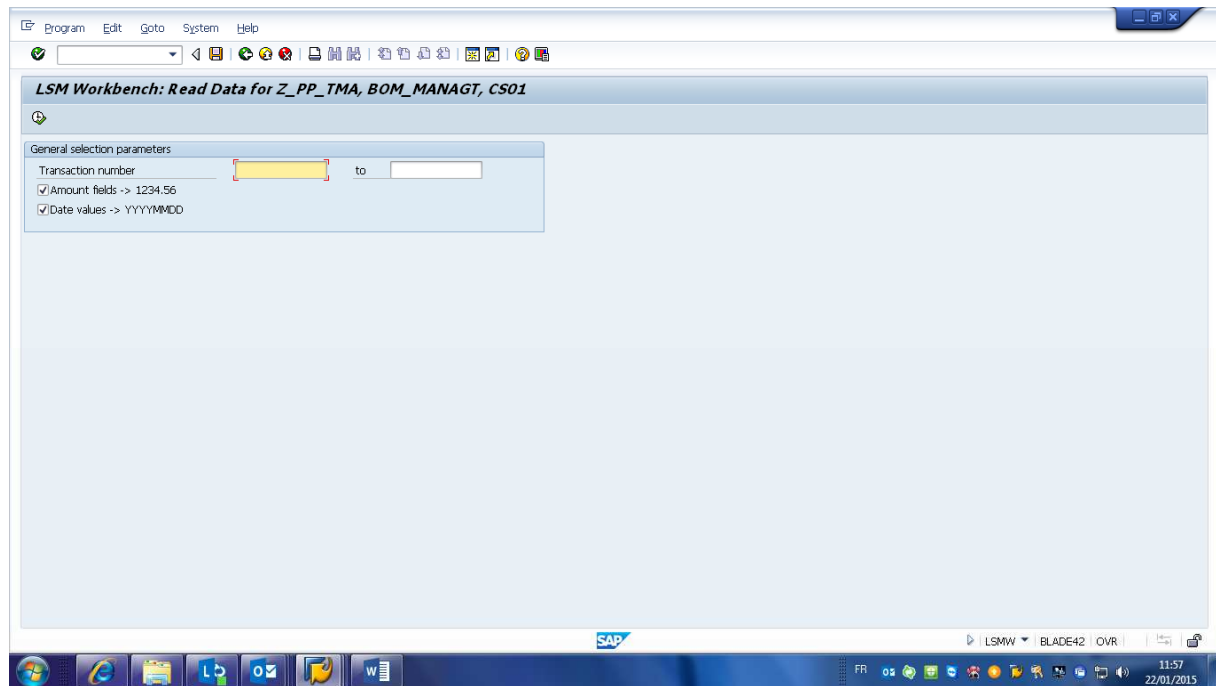
Step 8: Assign Files





Step 9 : Read Data





Step 10 : Display Read Data

Step 11 : Convert Data

Step 12 : Display Converted Data

Step 13 : Create Batch Input Session

Click Display Errors Only

Following screen appears .

Now the BOM is created for material.