LSMW (Legacy System Migration Workbench)

TABLE OF CONTENT

INTRODUCTION

LSMW an abbreviation for Legacy System Migration Workbench is a tool in SAP which is used to migrate Legacy data into SAP.

It is a very important tool and easy to learn and master it.

LSMW has a recording tool which can record the transaction and the fields to be uploaded.

Thus upload of master data and transaction data is made very simple in this tool. You can use this tools in almost all modules for upload of master data and too some extent transaction data also.

Thus in FI you can upload the following master data through this:
Vendors, Customers, General Ledger, Asset master, Bank Master.
You can upload Transaction balance through this i.e. an FI document.

In CO you can upload the following master data:
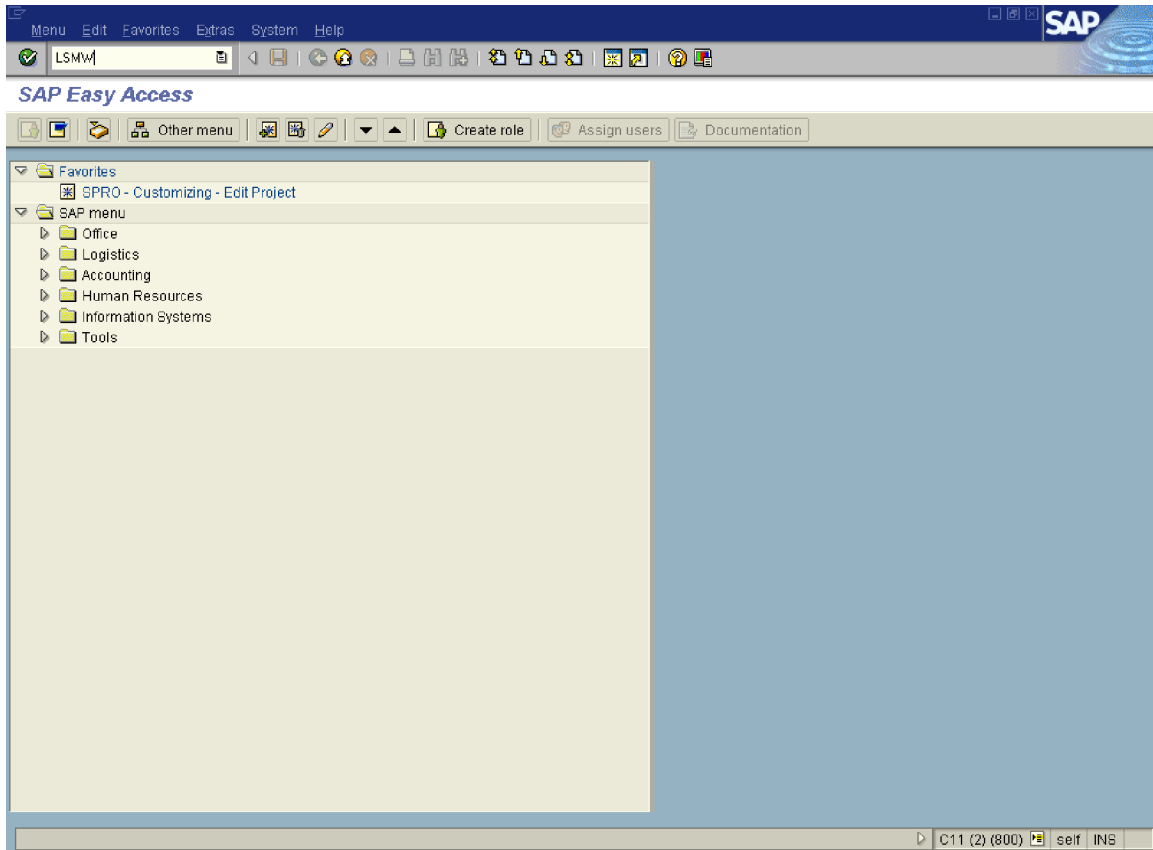Cost element, Cost center, Profit center, Activity types, Internal orders, Statistical key figures

In other modules likewise you can upload other sets of master data.

I**n this book we cover the creation of a Vendor master data with accounting view.**
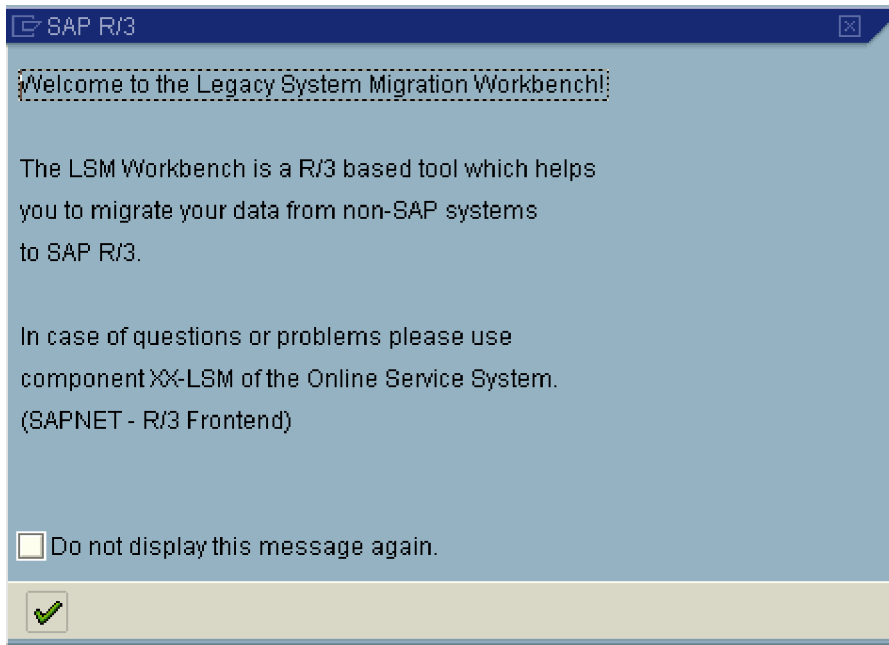
Let's get going then.

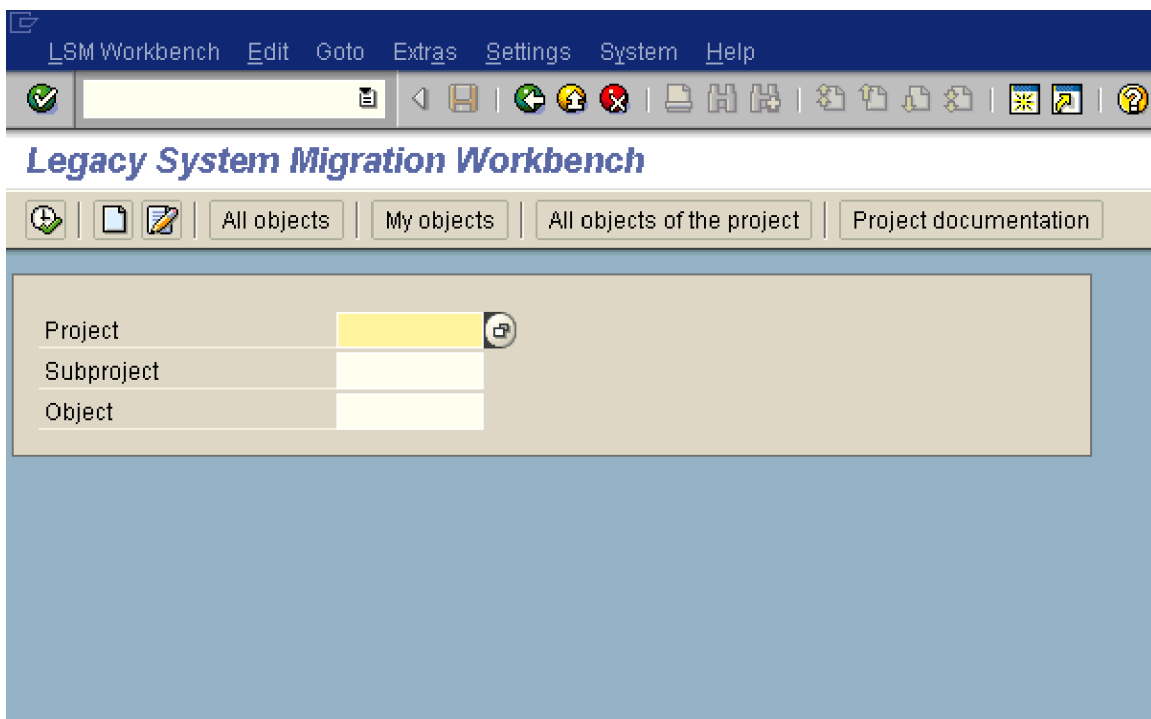# 1. Create a project, sub project and object

Type LSMW in the command field

Click ![check icon]

```
SAP R/3                                              [×]

Welcome to the Legacy System Migration Workbench!

The LSM Workbench is a R/3 based tool which helps
you to migrate your data from non-SAP systems
to SAP R/3.

In case of questions or problems please use
component XX-LSM of the Online Service System.
(SAPNET - R/3 Frontend)

☐ Do not display this message again.

✔
```
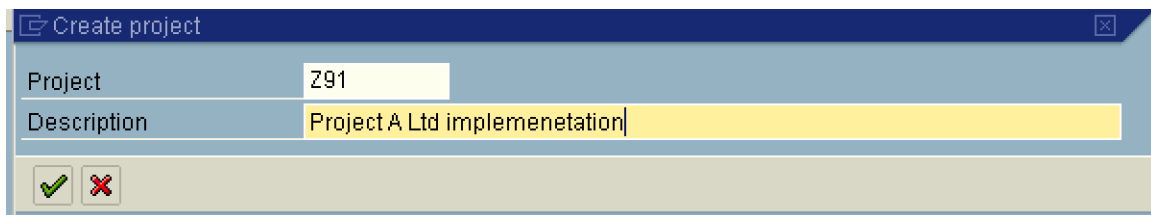
Click ✔ to continue.

If you do not want this message to appear every time,

You can click on the check box ☐ Do not display this message again.


```
LSM Workbench   Edit   Goto   Extras   Settings   System   Help

Legacy System Migration Workbench

  All objects   |   My objects   |   All objects of the project   |   Project documentation

  Project      [            ] 
  Subproject   [            ]
  Object       [            ]
```

Click on [icon] to create a new project

Update the following fields:
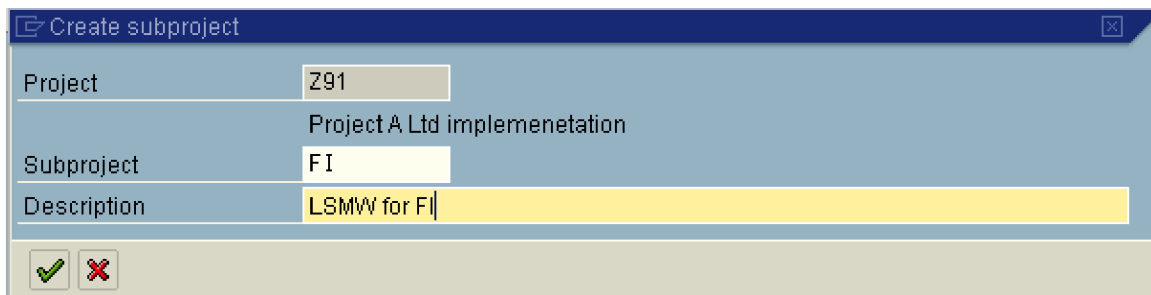
Create project	
Project	Z91
Description	Project A Ltd implemenetation

Click [✓]

Create a subproject
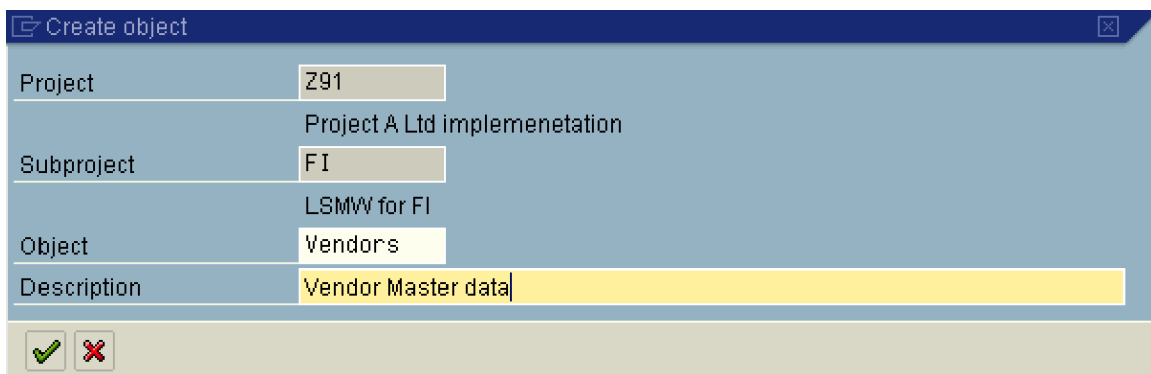
Create subproject	
Project	Z91
	Project A Ltd implemenetation
Subproject	F I
Description	LSMW for FI

Click [✓]

Create an object description

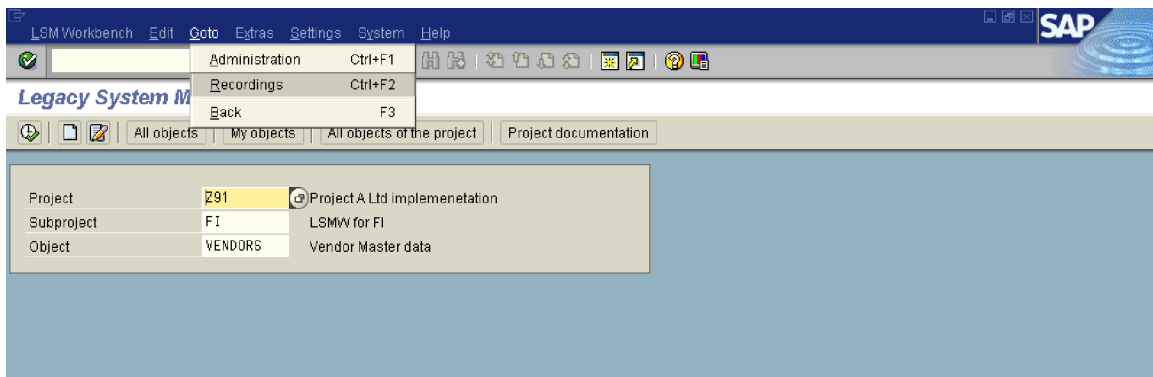| Create object	
Project	Z91
	Project A Ltd implemenetation
Subproject	F I
	LSMW for FI
Object	Vendors
Description	Vendor Master data

Click [✓]
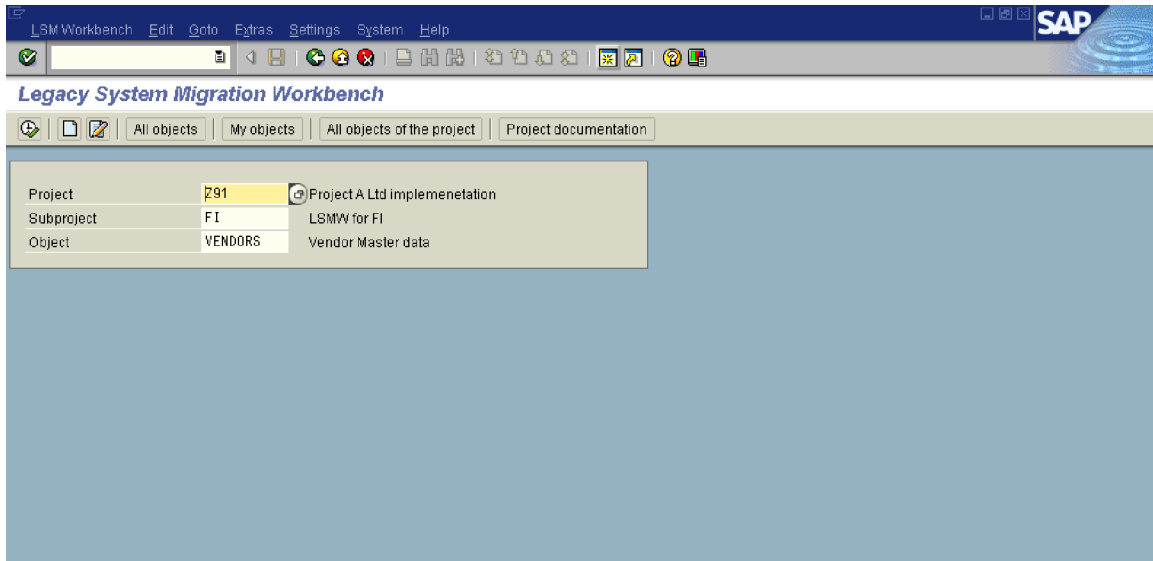
2. Create Recordings

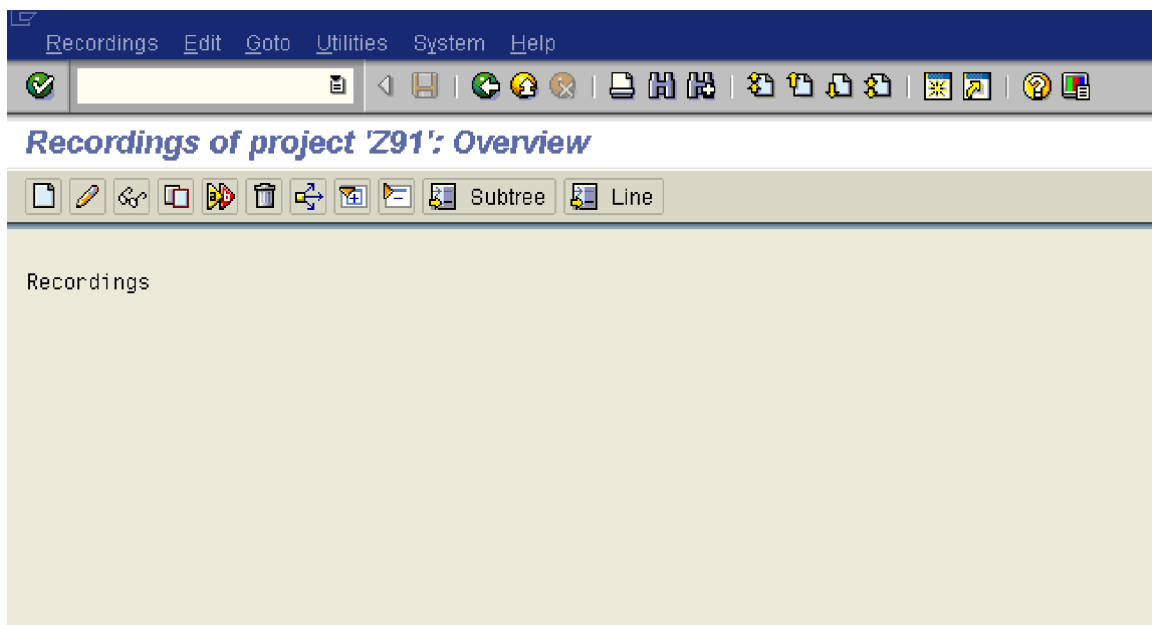Now we will proceed to Recordings since we want to record a transaction (Create Vendor Master data)

Important:
Please note that before you start the recording you should first actually perform this transaction manually and plan what data you want to capture for upload purpose. This is required so that you avoid doing mistakes while recording.
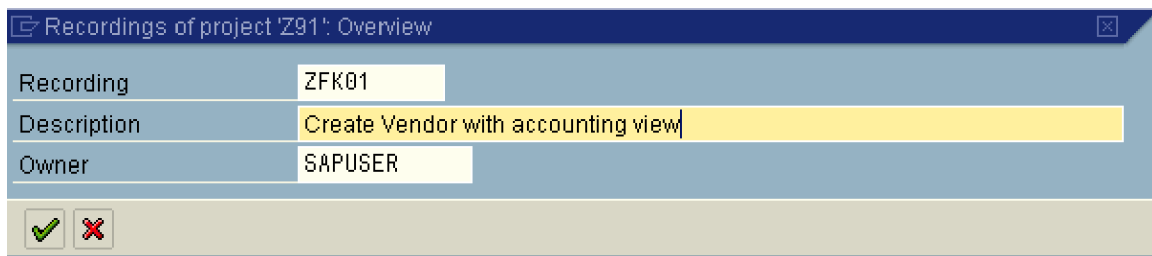***While recording you should not press enter in between, you should only press enter after you have completed entering all the details on that screen.***
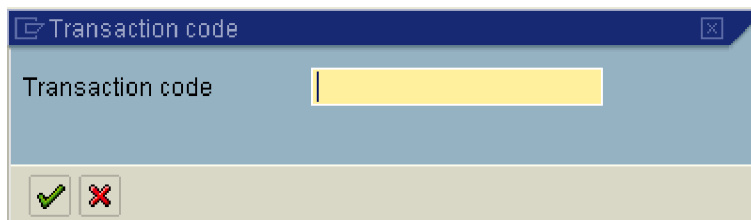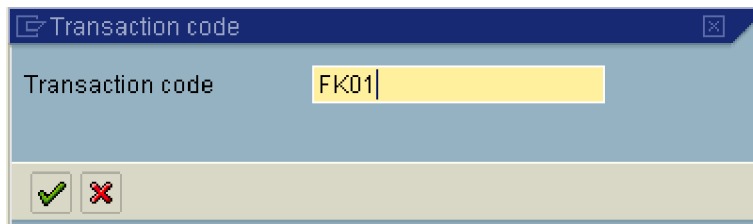
Click on Goto à Recordings

Recordings of project 'Z91': Overview

Recordings   Edit   Goto   Utilities   System   Help

Recordings of project 'Z91': Overview

Subtree   Line

Recordings

Click 🗋

Recordings of project 'Z91': Overview

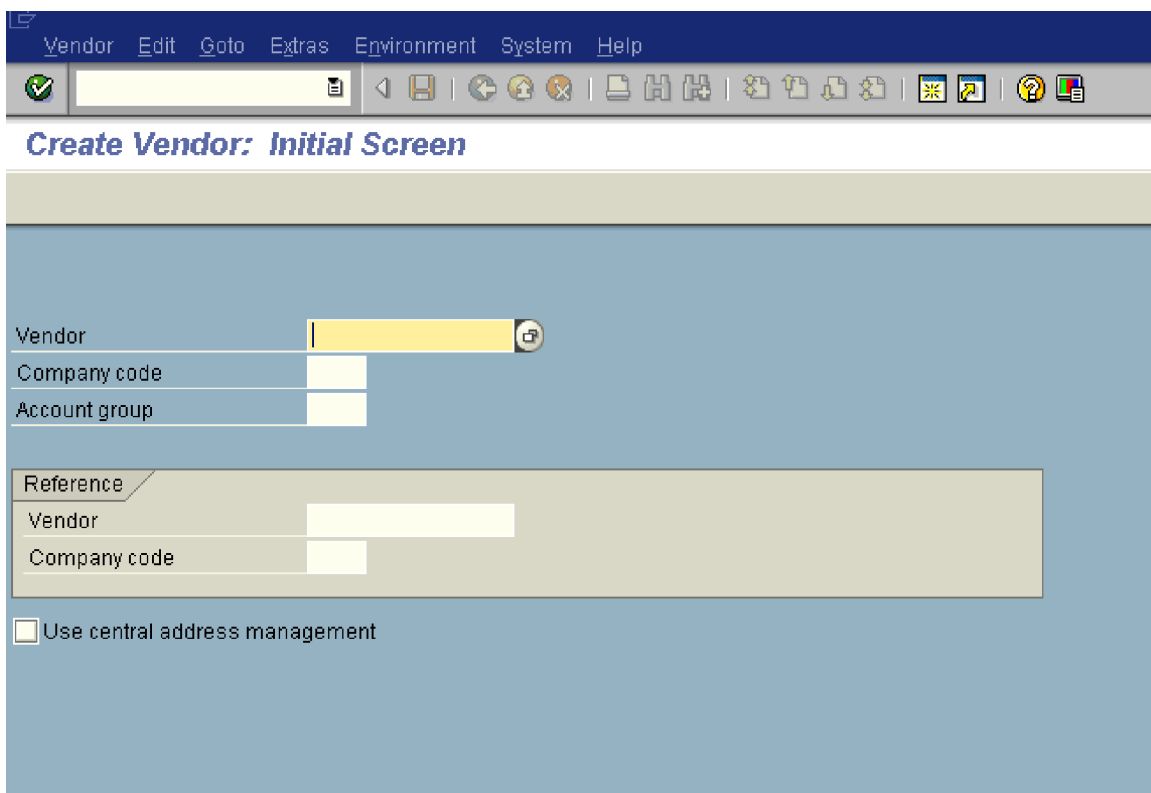| Recording | ZFK01 |
| Description | Create Vendor with accounting view |
| Owner | SAPUSER |

Click ✔

Transaction code

| Transaction code | |

Update the following:-

Vendor   Edit   Goto   Extras   Environment   System   Help

Create Vendor: Initial Screen

Vendor

Company code

Account group

Reference

Vendor

Company code

☐ Use central address management

Update the following:-

Vendor **Edit** **Goto** **Extras** **Environment** **System** **Help**

Create Vendor: Initial Screen

Vendor

Company code   9100

Account group   Z910

Reference

Vendor

Company code

☐ Use central address management

Click ✅

Update the following fields:

Create Vendor: Address

Vendor	INTERNAL

Address

Title			
Name	Aditya Ltd	Search term	ADITYA
	402 Silver Tower		
	Bandra Kurla Complex		
Street	Bandra Road	P.O. Box	
City	Mumbai	Postal code	400044
District			
P.O.Box city		PO box PCode	
Country	IN	Region	

Communications data

Language key		Telex number	
Telephone 1		Fax number	
Telephone 2		Teletex number	
Telebox		Data line	

Click

We do not want capture anything here.

Click to go to the next screen

Click ![checkmark icon] to go to the next screen.

Create Vendor: Accounting information Accounting

| Vendor | INTERNAL | Aditya Ltd | Mumbai |
| Company code | 9100 | A Ltd | |

Accounting information

Recon. account		Sort key	☑
Head office		Subsidy indic.	
Authorization		Cash mgmnt group	
		Release group	
Minority indic.		Certificatn date	

Interest calculation

Interest indic.		Last key date	
Int. cycle		Last interest run	

Withholding tax

W.tax code		Exemption number	
Wth.tx cty		Valid until	
Recipient type		Exmpt.authority	

Reference data

Prev.acct no.		Personnel number	

Default data for tax reports

Activity code		Distr. type	

Update the following:-

Click

Create Vendor: Payment transactions Accounting

Vendor   INTERNAL   Aditya Ltd   Mumbai
Company code   9100   A Ltd

Payment data

Payment terms		Tolerance group
Cr memo terms		Chk double inv.
Chk cashng time		

Automatic payment transactions

Payment methods		Payment block
Alternat.payee		House bank
Individual pmnt		Grouping key
B/exch.limit		INR
Pmt adv. by EDI		Alt.payee(doc.) Permitted payee

Invoice verification

Tolerance group

Update the following:-

Click

Create Vendor: Correspondence Accounting

Vendor	INTERNAL	Aditya Ltd	Mumbai
Company code	9100	A Ltd	

Dunning data

Dunn.procedure		Dunning block	
Dunn.recipient		Legal dunn.proc.	
Last dunned		Dunning level	
Dunning clerk		Grouping key	

Dunning areas

Correspondence

Local process.		Acct statement	
Acctg clerk			
Acct w/ vendor			
Clerk at vendor			
Act.clk tel.no.			
Clerk's fax			
Clrk's internet			
Account memo			

Update the following:-

Click ✅

Click ⬚Yes⬚ to save the vendor master data.

Click ⬚Default all⬚ to update the field name.

Click on 💾

Make a note of these fields since they will be required later on.

You can export these fields to an excel sheet as follows:-

Select **spreadsheet**

Save list in file...

In which format should the list
be saved ?

- ◯ unconverted
- ◉ Spreadsheet
- ◯ Rich text format
- ◯ HTML format

✔ ✖

Click ✔

Transfer DAT to a Local File

File name	D:\Documents and Settings\Administrator\SapWorkDir\

Transfer ✖
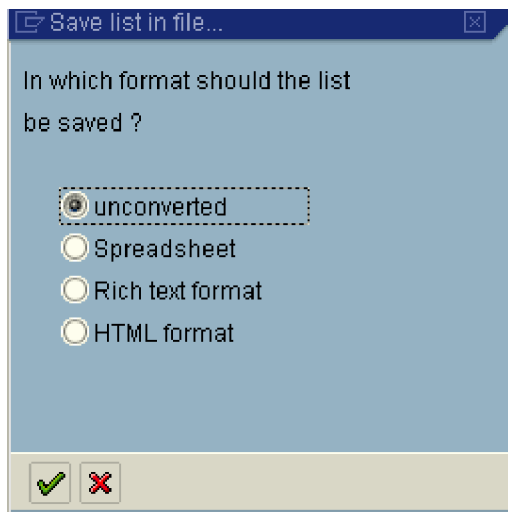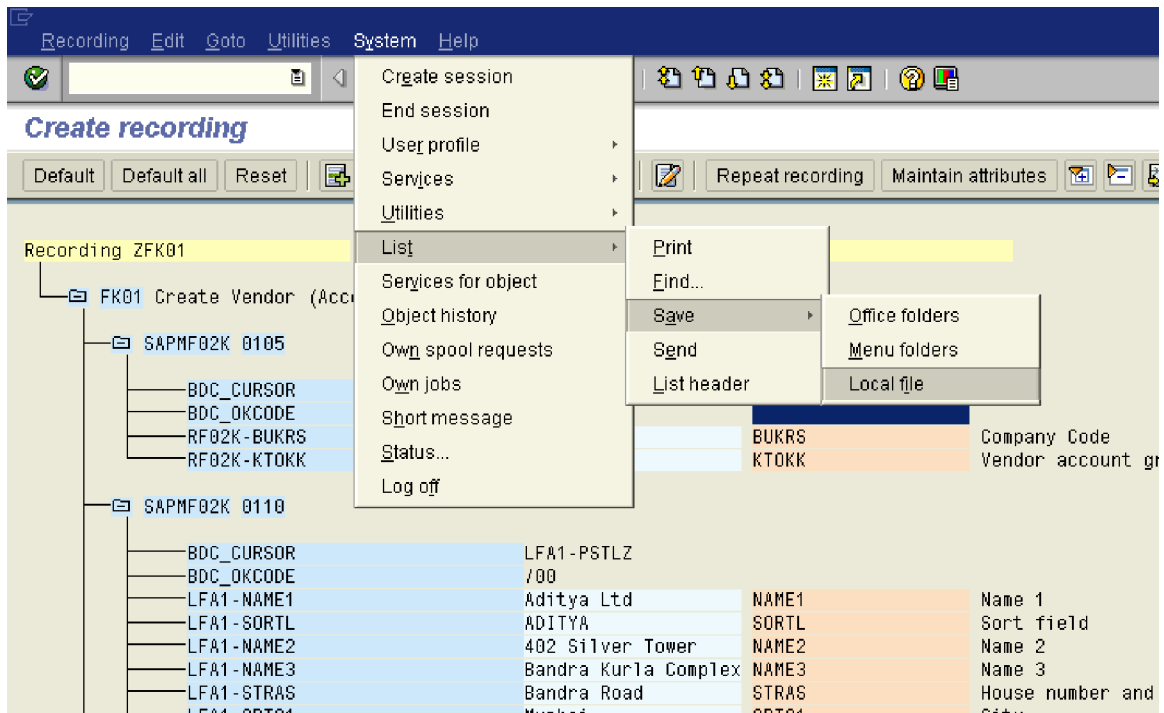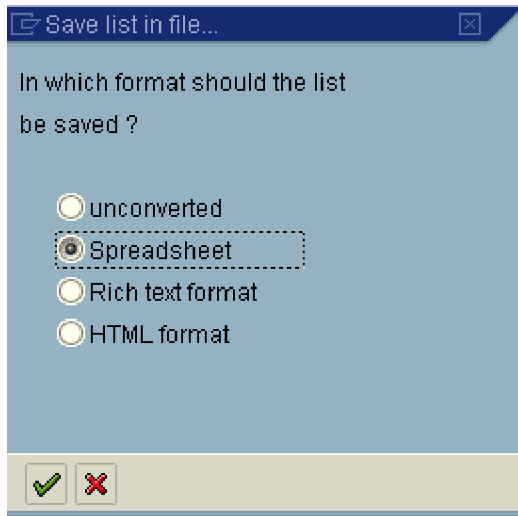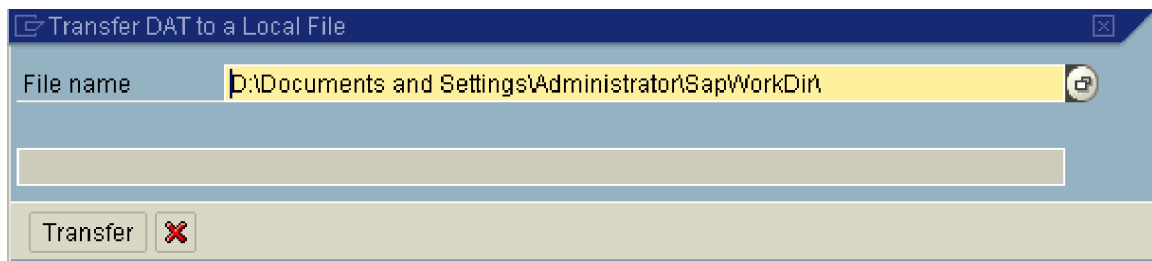
Click 🔲 to change the location

Save As

Save in: ACER (C:)

My Recent Do...
Desktop
My Documents
My Computer
My Network Pl...

- ACERNB
- BOOK
- DOCS
- Documents and Settings
- DOTNETFX
- Drivers
- FI_C0_PACK
- I386
- Program Files
- SUPPORT
- SYSINFO
- VALUEADD
- WINDOWS
- ~$LSMW.doc
- ~WRL0004.tmp

- ~WRL0390.tmp
- ~WRL1591.tmp
- ~WRL3110.tmp
- fields1
- IO1.doc
- IO2.doc
- IO3.doc
- IO.doc
- LSMW.doc
- Report painter.doc
- SAP4.6CIDES_INSTALLATIONGUIDE.doc
- setup.log

File name: FIELDS
fields1

Save as type:

Save
Cancel

Click [Save]

Transfer DAT to a Local File

File name   C:\FIELDS

Transfer ✖

Click [Transfer]

We will see the file later.

Click ⬅

Recordings of project 'Z91': Overview

Recordings

ZFK01   Create Vendor with accounting view
     Transaction: FK01 Create Vendor (Accounting)
     Owner: SAPUSER   SAP

Click

Legacy System Migration Workbench

Project	Z91	Project A Ltd implemenetation
Subproject	FI	LSMW for FI
Object	VENDORS	Vendor Master data

Click

3. Maintain object attributes

Here we maintain the attributes of the object VENDORS. We link the recording created to the object VENDORS.

Click ![clock icon]
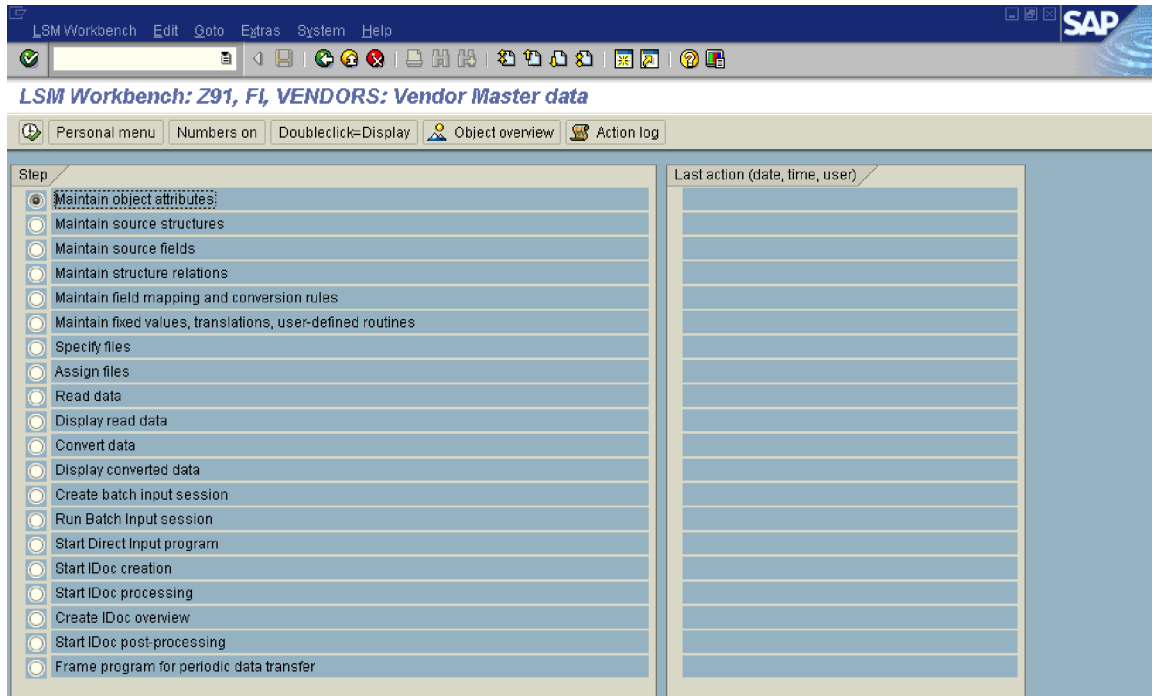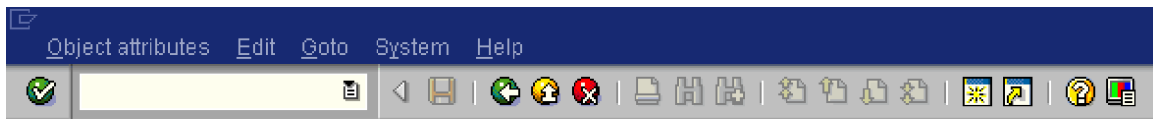
LSM Workbench: Display object attributes

Attributes

Object	VENDORS	Vendor Master data
Owner	SAPUSER	SAP
Data transfer	○ once	○ periodic
File names	☐ system dependent	

Object type and import technique

○ Standard Batch/Direct Input

Object	
Method	
Program name	
Program type	

○ Batch Input Recording

| Recording | |

○ Business Object Method (BAPI)
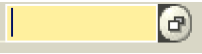
Business object	
Method	
Message type	
Basic type	

○ IDoc (Intermediate Document)

Message type	
Basic type	
Enhancement	

Click

Click radio button ◉ Batch Input Recording to select

Take a drop down in Recording

LSM Workbench: Change object attributes

Attributes

Object	VENDORS	Vendor Master data
Owner	SAPUSER	SAP
Data transfer	● once	○ periodic
File names	☐ system dependent	

Object type and import technique

○ Standard Batch/Direct Input

Object	
Method	
Program name	
Program type	

● Batch Input Recording

Recording	ZFK01 Create Vendor with accounting view

○ Business Object Method (BAPI)

Business object	
Method	
Message type	
Basic type	

○ IDoc (Intermediate Document)

Message type	
Basic type	
Enhancement	

Click 🖫

Click ⬅

4. Maintain Source Structure

Notice that the radio button has automatically moved to the next step Maintain source structures. Each time you perform a transaction the radio button moves to the next step automatically.

Also notice on the extreme right hand side under the column Last action (date, time, and user). This is updated with information each time the transaction is performed.

Here we maintain the source structure for the LSMW.
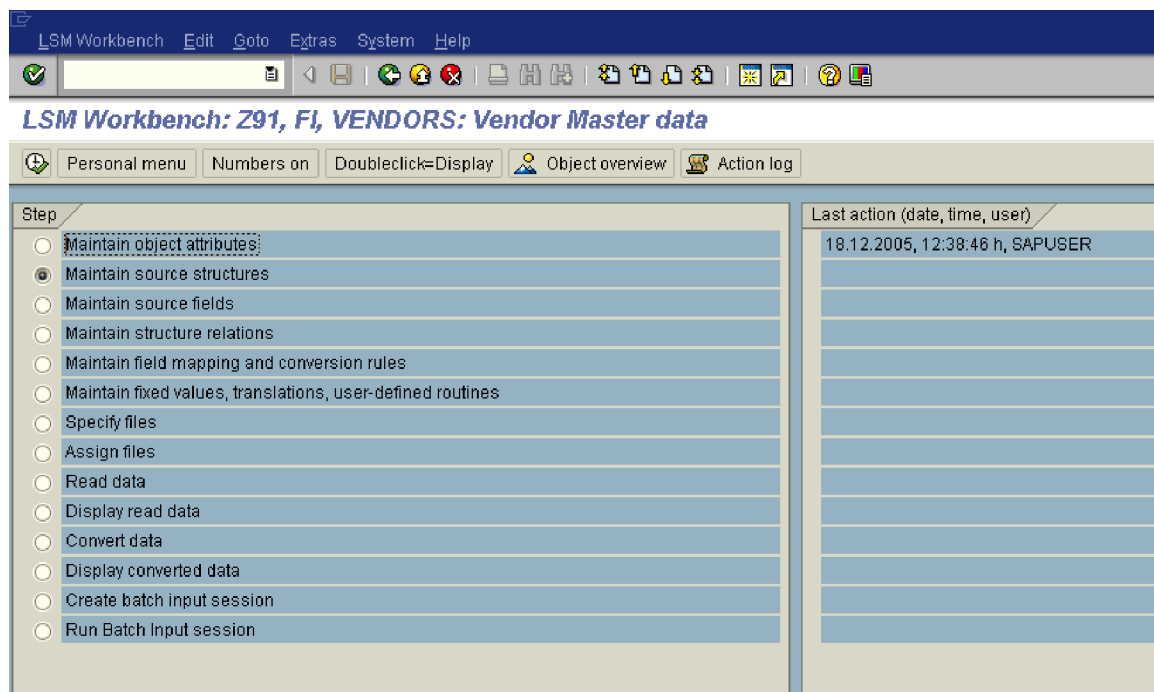
Click
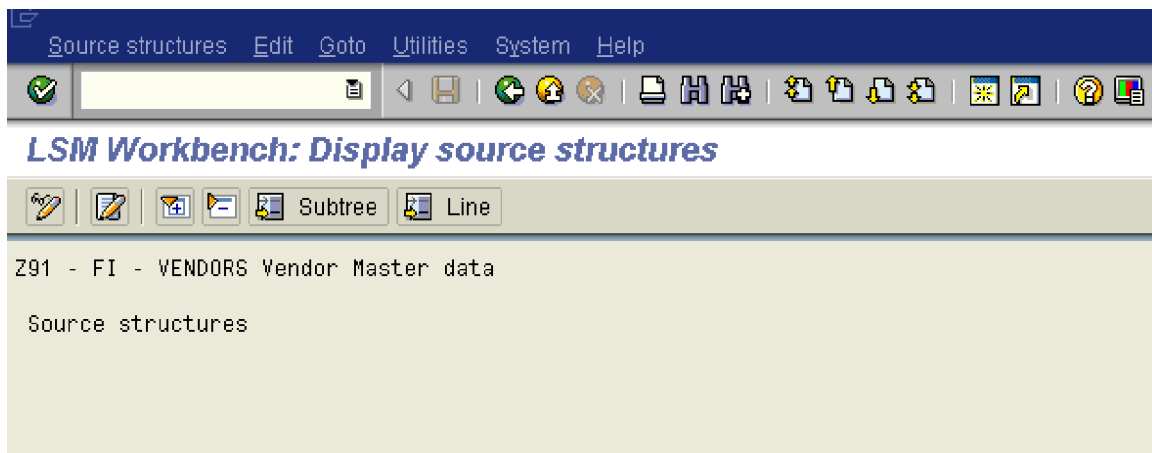
Click
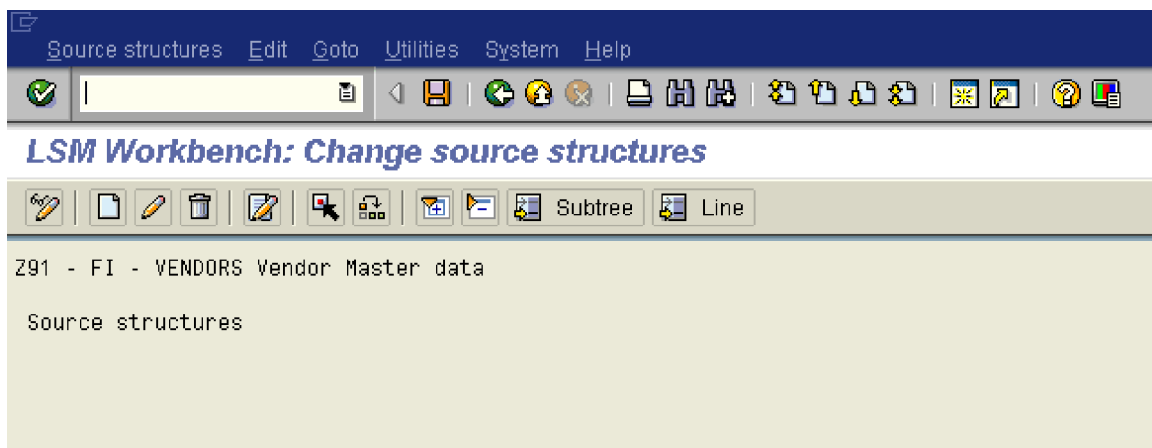
Click

Update the following:-

Click 🖫

Click ⬅

5. Maintain source fields

Here we maintain the source fields which are to be updated with the data.
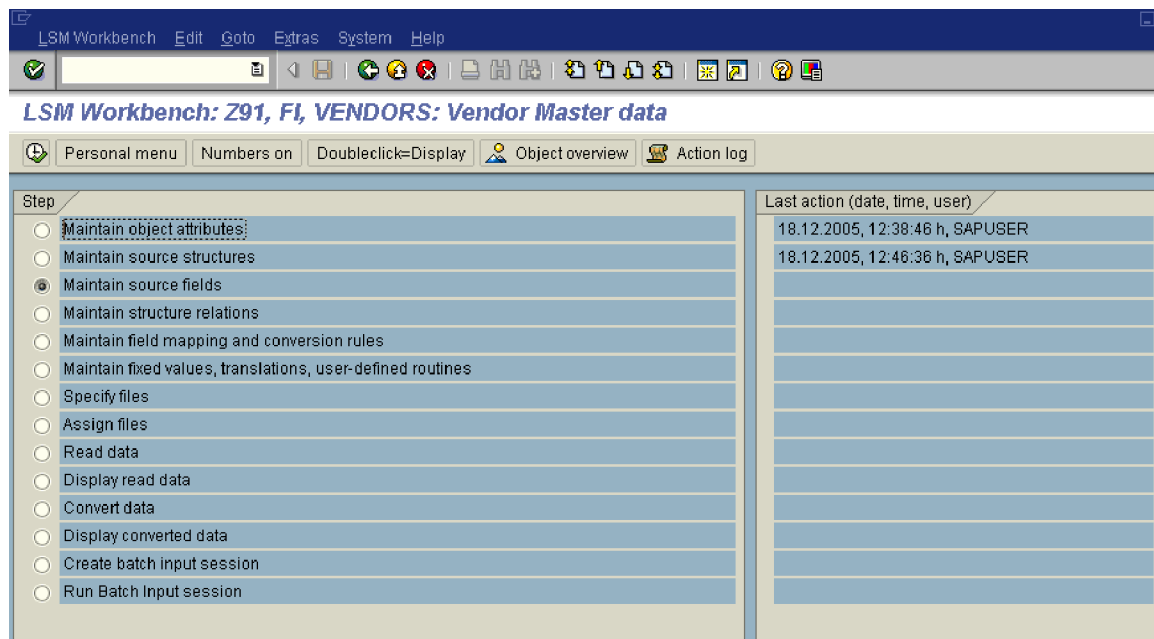
Click 🕒
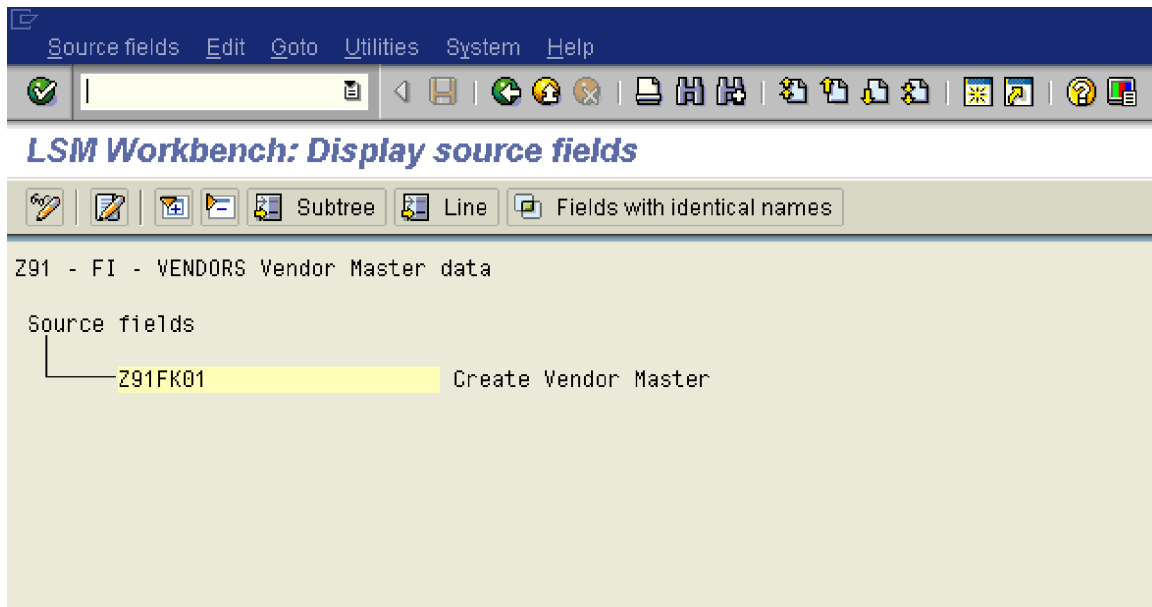
Click
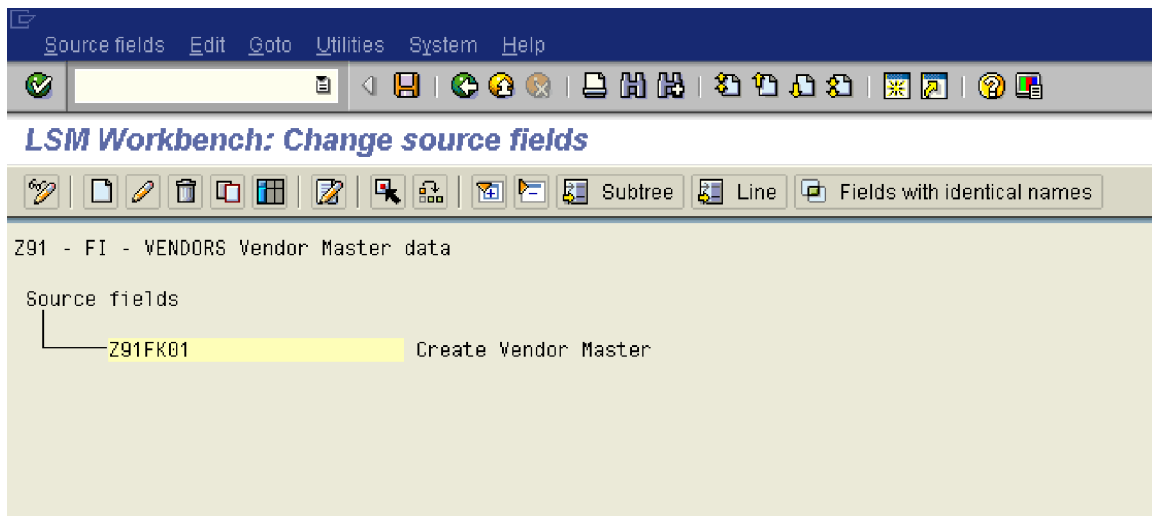
Position the cursor on

Click
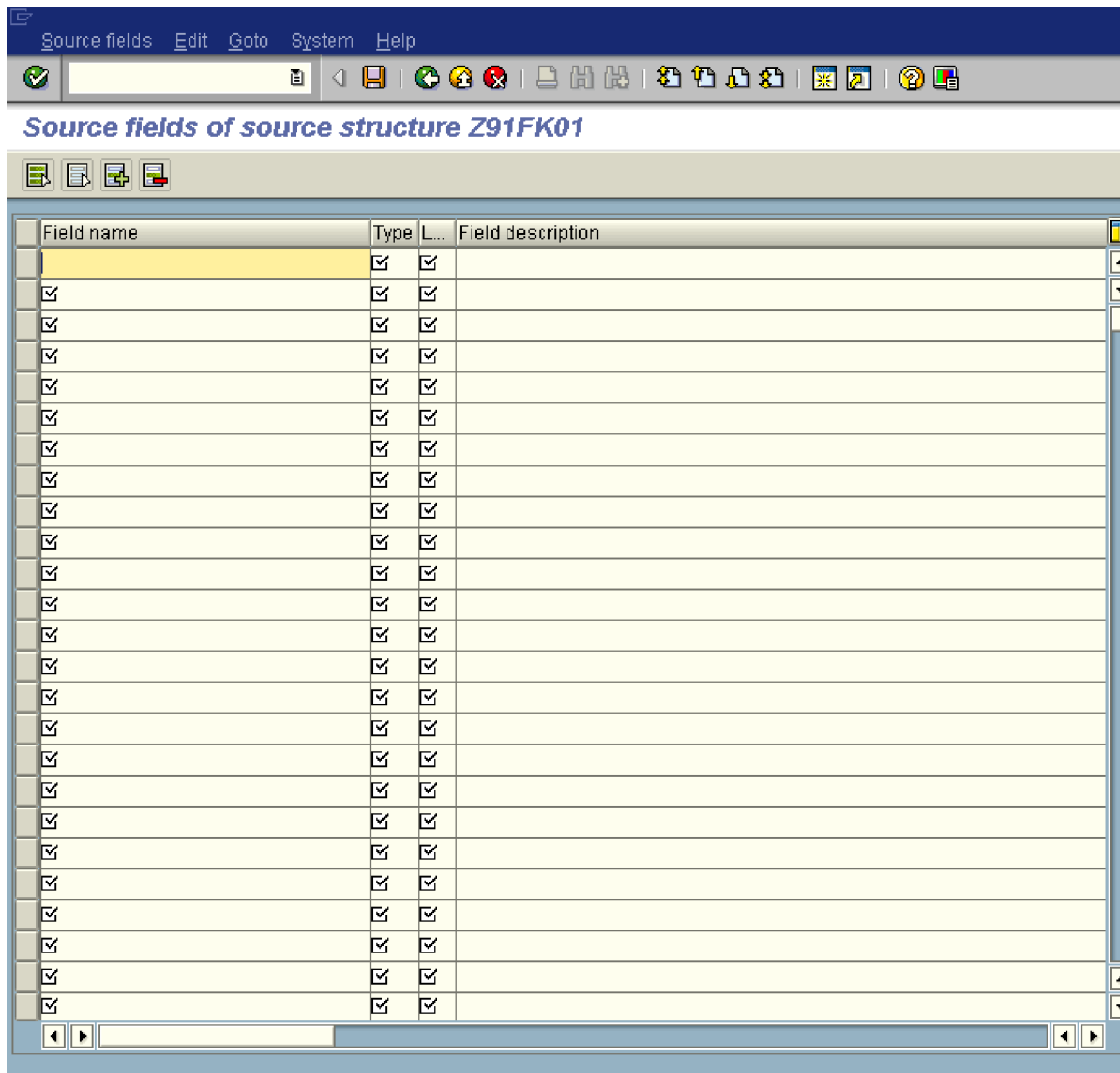
Now we need to update the fields which you have captured in the recording.

In step 1 recording we had downloaded a file with the fields.

Let us open that file in excel.

Click

Click

Click **Finish**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2		Recording ZFK01						Create Vendor with accounting view						
3														
4			FK01			Create Vendor (Accounting)								
5														
6				SAPMF02K			105							
7														
8						BDC_CURSOR			RF02K-KTOKK					
9						BDC_OKCODE			/00					
10						RF02K-BUKRS			9100	BUKRS	Company Code			
11						RF02K-KTOKK			Z910	KTOKK	Vendor account group			
12														
13				SAPMF02K			110							
14														
15						BDC_CURSOR			LFA1-PSTLZ					
16						BDC_OKCODE			/00					
17						LFA1-NAME1			Aditya Ltd	NAME1	Name 1			
18						LFA1-SORTL			ADITYA	SORTL	Sort field			
19						LFA1-NAME2			402 Silver	NAME2	Name 2			
20						LFA1-NAME3			Bandra Ku	NAME3	Name 3			
21						LFA1-STRAS			Bandra Ro	STRAS	House number and street			
22						LFA1-ORT01			Mumbai	ORT01	City			
23						LFA1-PSTLZ			400044	PSTLZ	Postal Code			
24						LFA1-LAND1			IN	LAND1	Country key			
25														
26				SAPMF02K			120							
27														
28						BDC_CURSOR			LFA1-KUNNR					
29						BDC_OKCODE			/00					
30						BDC_SUBSCR			SAPMF02K					
31														
32				SAPMF02K			130							
33														
34						BDC_CURSOR			LFBK-BANKS(01)					
35						BDC_OKCODE			#NAME?					

FIELDS

All the fields shown in column J needs to be mapped

Now go to SAP LSMW screen and copy and paste all these fields from excel.

To know the length of fields, go to the transaction code FK01 and enter the vendor code you just now saved. In our case we saved vendor code 100001

We want to know the length of the field Name

Display Vendor: Address

Vendor	1000001

Name

Title	
Name	Aditya Ltd
	402 Silver Tower
	Bandra Kurla Complex

Search terms

Search term 1/2	ADITYA

Street address

Street/House number	Bandra Road
Postal code/City	400044 Mumbai
Country	IN India Region

PO box address

P.O. Box	
Postal code	

Communication

Language	
Telephone	-
Fax	-
E-mail	

Other communication...

Position the cursor on field Aditya Ltd and press F1 function button on the keyboard or right click and select Help

Name 1

Address component: Name of an address
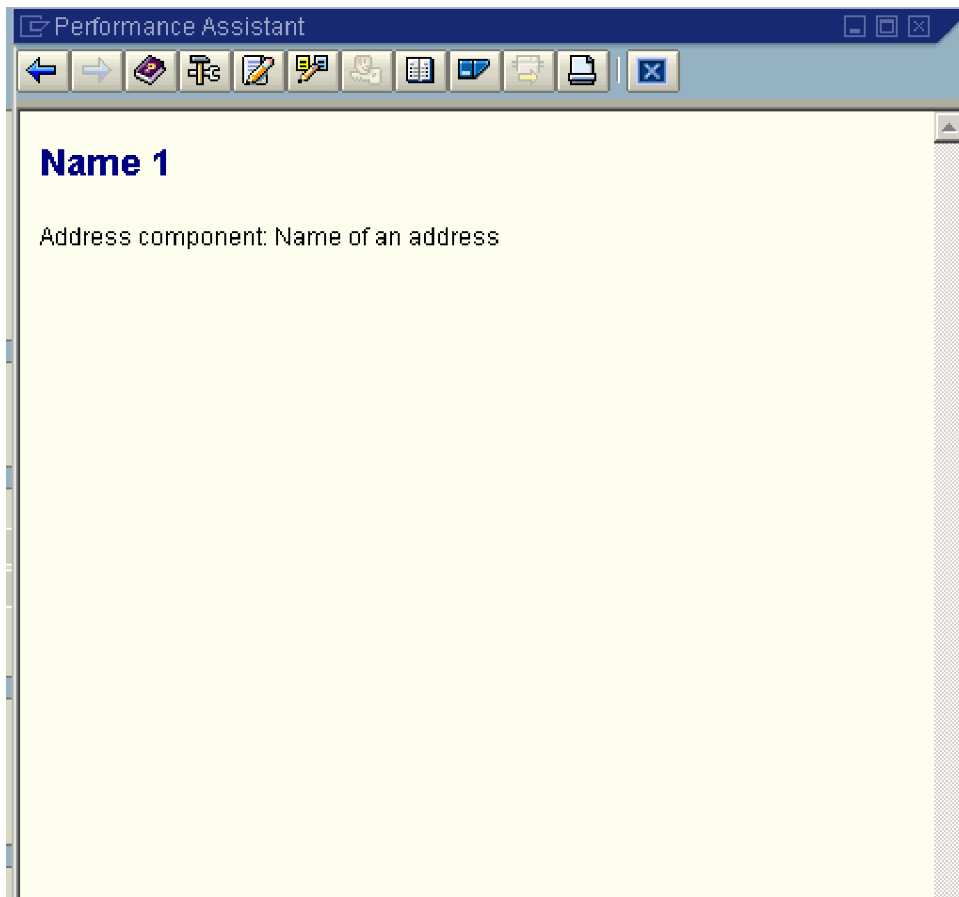
Click ![icon] to see the technical information

Technical Information

Screen data

Program name	SAPLSZA1
Screen number	0301

GUI data

Program name	SAPMF02K
Status	111A

Field data

Struct.	ADDR1_DATA
Field name	NAME1
Data element	AD_NAME1
DE supplement	0

Field description for batch input

Screen field	ADDR1_DATA-NAME1
Program name	SAPMF02K
Screen no.	0111

Double click NAME1

Dictionary: Display Structure

Hierarchy display   Append structure...

| Structure | ADDR1_DATA | | Active |
| Short text | Address transfer structure | | |

Attributes | Components | Entry help/check | Currency/quantity fields

Srch help | Built-in type

Component	Component type	DTyp	Length	Dec.p...	Short text	G
DATE_FROM	AD_DATE_FR	DATS	8	0	Date valid from	
DATE_TO	AD_DATE_TO	DATS	8	0	Valid-to date	
.INCLUDE	ADNM_STRUC		0	0	Include structure with name attributes of the ADRC address	
TITLE	AD_TITLE	CHAR	4	0	Title key	
NAME1	AD_NAME1	CHAR	40	0	Name 1	
NAME2	AD_NAME2	CHAR	40	0	Name 2	
NAME3	AD_NAME3	CHAR	40	0	Name 3	
NAME4	AD_NAME4	CHAR	40	0	Name 4	
NAME_TXT	AD_NAMETXT	CHAR	50	0	Converted name field (with form of address)	
.INCLUDE	ADRC_STRUC		0	0	Include structure with ADRC attributes without name fields	
NAME_CO	AD_NAME_CO	CHAR	40	0	c/o name	
CITY1	AD_CITY1	CHAR	40	0	City	
CITY2	AD_CITY2	CHAR	40	0	District	
CITY_CODE	AD_CITYNUM	CHAR	12	0	City code for city/street file	
CITYP_CODE	AD_CITYPNM	CHAR	8	0	District code for City and Street file	
HOME_CITY	AD_CITY3	CHAR	40	0	City (different from postal city)	
CITYH_CODE	AD_CITYHNM	CHAR	12	0	Different city for city/street file	
CHCKSTATUS	AD_CHECKST	CHAR	1	0	City file test status	

The length of the field Name1 is 40 and the data type is character

Here you update the field name, the type of field whether C (Character, alphanumeric) or N (Numeric) and the length of the field

After updating all the fields

Click

Source fields of source structure Z91FK01

Field name	Type	L...	Field description
BUKRS	C	4	BUKRS
KTOKK	C	4	KTOKK
NAME1	C	40	NAME1
SORTL	C	20	SORTL
NAME2	C	40	NAME2
NAME3	C	40	NAME3
STRAS	C	40	STRAS
ORT01	C	10	ORT01
PSTLZ	N	6	PSTLZ
LAND1	C	2	LAND1
AKONT	N	6	AKONT
ZUAWA	C	3	ZUAWA
ALTKN	N	5	ALTKN
ZTERM	C	4	ZTERM
ZWELS	C	1	ZWELS
XAUSZ	N	1	XAUSZ
☑	☑	☑	
☑	☑	☑	

Click 🖫

Click ⬅

LSM Workbench: Change source fields

Subtree   Line   Fields

```
Z91 - FI - VENDORS Vendor Master data

Source fields

      Z91FK01                          Create Vendor Master

         BUKRS                 C(004)      BUKRS
         KTOKK                 C(004)      KTOKK
         NAME1                 C(040)      NAME1
         SORTL                 C(020)      SORTL
         NAME2                 C(040)      NAME2
         NAME3                 C(040)      NAME3
         STRAS                 C(040)      STRAS
         ORT01                 C(010)      ORT01
         PSTLZ                 N(006)      PSTLZ
         LAND1                 C(002)      LAND1
         AKONT                 N(006)      AKONT
         ZUAWA                 C(003)      ZUAWA
         ALTKN                 N(005)      ALTKN
         ZTERM                 C(004)      ZTERM
         ZWELS                 C(001)      ZWELS
         XAUSZ                 N(001)      XAUSZ
```

Click

Click

6. Maintain Structure relations

We actually don't do anything except click on change button and click on save button.
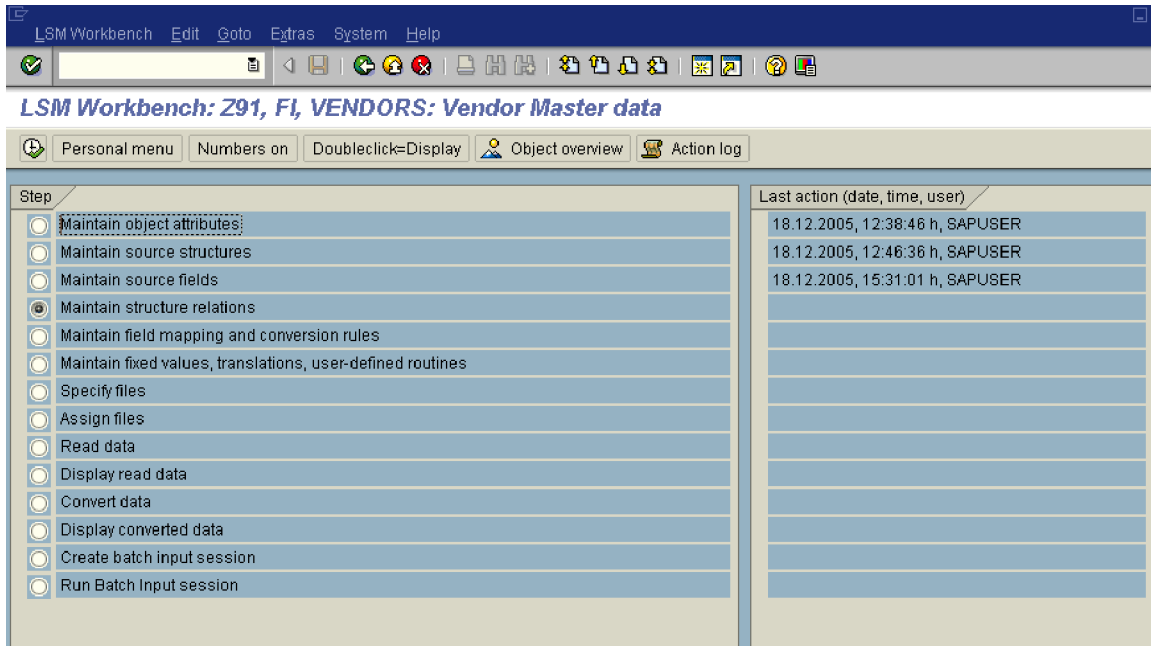
Click
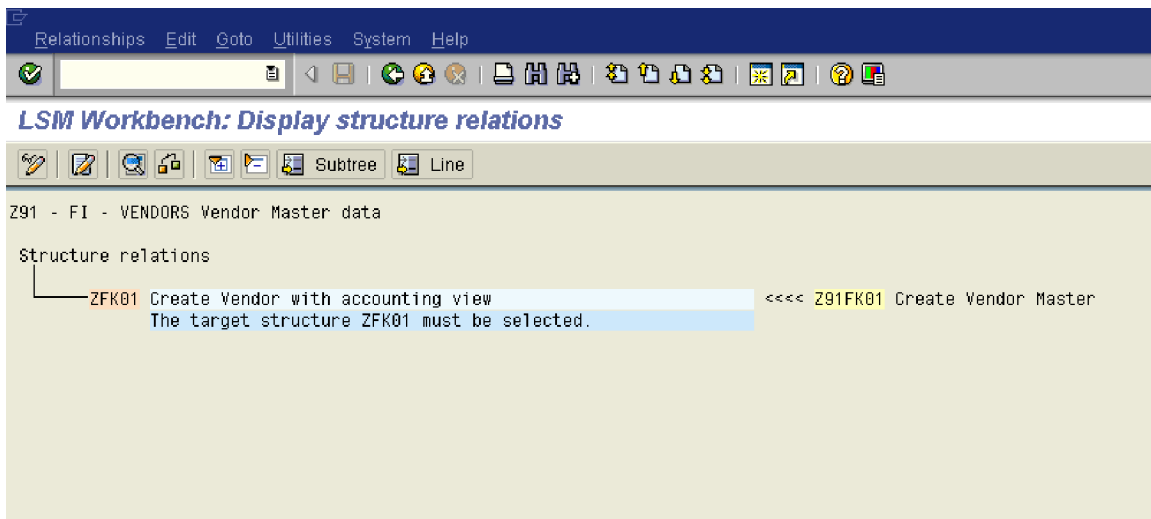
Click
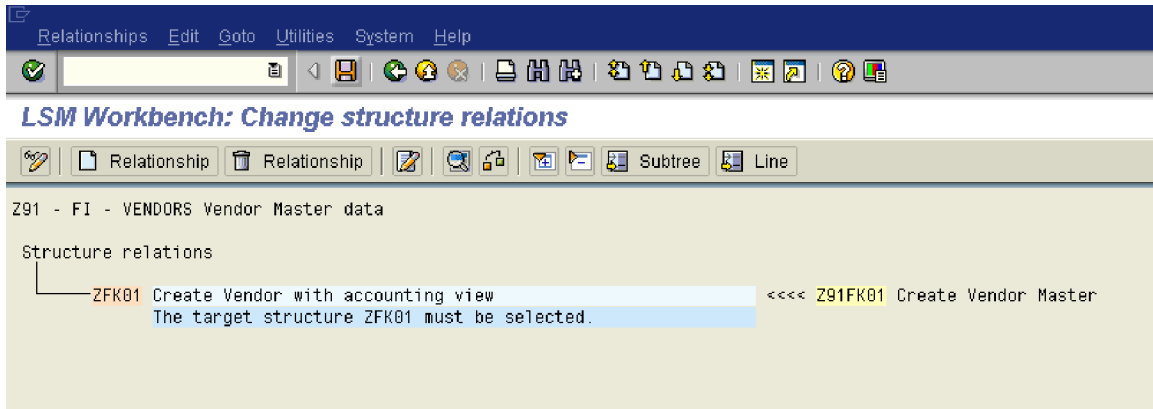
Click 💾

Click 🔙

7. Maintain field mapping and conversion rules

Here we create a link between the system fields and the source fields maintained in the earlier step.
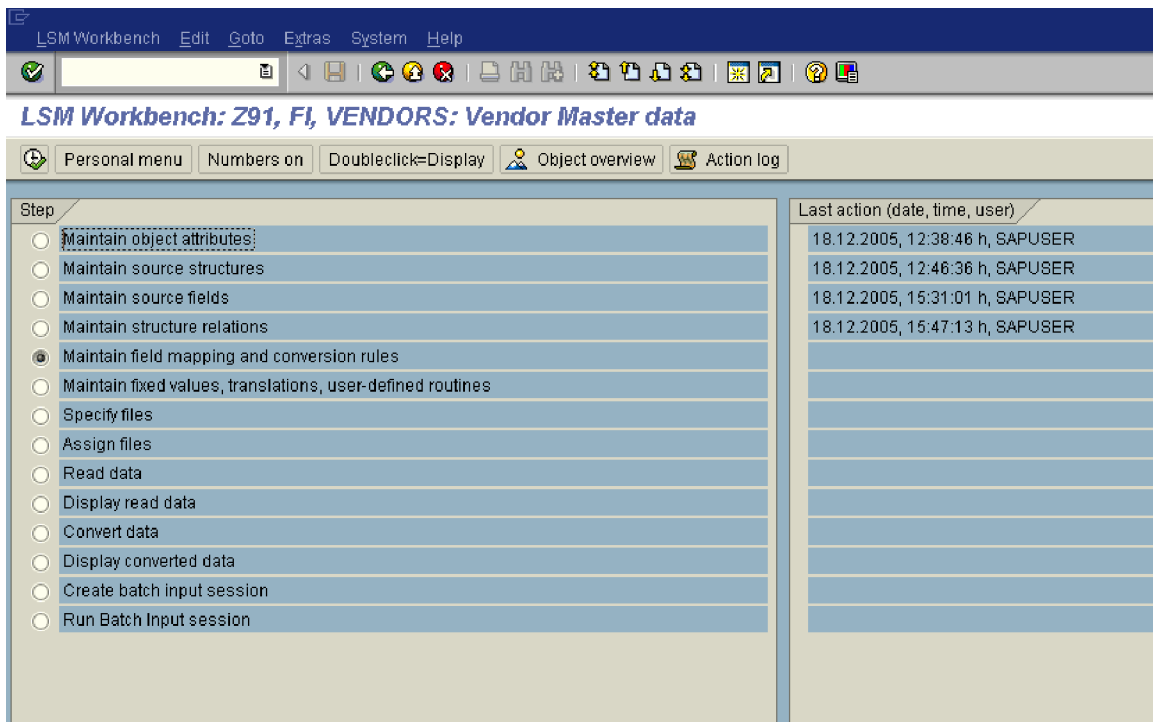
Click ⏬

LSM Workbench: Display Fieldmapping and Conversion Rules

Line

Z91 - FI - VENDORS Vendor Master data

Fieldmapping and conversion ru

└─ ▱ ZFK01   Create Vendor with accounting view

    └─ ▱ Fields

BUKRS	ℹ️ ❓ ▱	Company Code
KTOKK	ℹ️ ❓ ▱	Vendor account group
NAME1	ℹ️ ❓ ▱	Name 1
SORTL	ℹ️ ❓ ▱	Sort field
NAME2	ℹ️ ❓ ▱	Name 2
NAME3	ℹ️ ❓ ▱	Name 3
STRAS	ℹ️ ❓ ▱	House number and street
ORT01	ℹ️ ❓ ▱	City
PSTLZ	ℹ️ ❓ ▱	Postal Code
LAND1	ℹ️ ❓ ▱	Country key
AKONT	ℹ️ ❓ ▱	Reconciliation Account in General Ledger
ZUAWA	ℹ️ ❓ ▱	Key for sorting according to assignment numbers
ALTKN	ℹ️ ❓ ▱	Previous Master Record Number
ZTERM	ℹ️ ❓ ▱	Terms of payment key
ZWELS	ℹ️ ❓ ▱	List of the Payment Methods to be Considered
XAUSZ	ℹ️ ❓ ▱	Indicator for periodic account statements

Click

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field | Source field | Rule | | | Line | Initial | Constant | Move

```
Z91 - FI - VENDORS Vendor Master data

Fieldmapping and conversion ru

    ZFK01                          Create Vendor with accounting view

      Fields

        BUKRS          Company Code
        KTOKK          Vendor account group
        NAME1          Name 1
        SORTL          Sort field
        NAME2          Name 2
        NAME3          Name 3
        STRAS          House number and street
        ORT01          City
        PSTLZ          Postal Code
        LAND1          Country key
        AKONT          Reconciliation Account in General Ledger
        ZUAWA          Key for sorting according to assignment numbers
        ALTKN          Previous Master Record Number
        ZTERM          Terms of payment key
        ZWELS          List of the Payment Methods to be Considered
        XAUSZ          Indicator for periodic account statements
```

Position the cursor on BUKRS and click [ ] Source field

ZFK01-BUKRS: Assign source field

No.	Source structure	Source field	Descriptio
0001	Z91FK01	BUKRS	BUKRS
0002	Z91FK01	KTOKK	KTOKK
0003	Z91FK01	NAME1	NAME1
0004	Z91FK01	SORTL	SORTL
0005	Z91FK01	NAME2	NAME2
0006	Z91FK01	NAME3	NAME3
0007	Z91FK01	STRAS	STRAS
0008	Z91FK01	ORT01	ORT01
0009	Z91FK01	PSTLZ	PSTLZ
0010	Z91FK01	LAND1	LAND1
0011	Z91FK01	AKONT	AKONT
0012	Z91FK01	ZUAWA	ZUAWA
0013	Z91FK01	ALTKN	ALTKN
0014	Z91FK01	ZTERM	ZTERM
0015	Z91FK01	ZWELS	ZWELS
0016	Z91FK01	XAUSZ	XAUSZ

Double click BUKRS

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field   Source field   Rule   Line   Initial   Const

```
Z91 - FI - VENDORS Vendor Master data

Fieldmapping and conversion ru

     ZFK01                          Create Vendor with accounting view

          Fields

              BUKRS                    Company Code
                             Source:  Z91FK01-BUKRS (BUKRS)
                             Rule :   Transfer (MOVE)
                             Coding:  ZFK01-BUKRS = Z91FK01-BUKRS.
              KTOKK                    Vendor account group
              NAME1                    Name 1
              SORTL                    Sort field
              NAME2                    Name 2
              NAME3                    Name 3
              STRAS                    House number and street
              ORT01                    City
              PSTLZ                    Postal Code
              LAND1                    Country key
              AKONT                    Reconciliation Account in General Ledger
              ZUAWA                    Key for sorting according to assignment numbers
              ALTKN                    Previous Master Record Number
              ZTERM                    Terms of payment key
              ZWELS                    List of the Payment Methods to be Considered
              XAUSZ                    Indicator for periodic account statements
```

If you want to default the company code position the cursor on BUKRS and click
Constant

Value for ZFK01-BUKRS

Company Code

Update the following:-

Value for ZFK01-BUKRS

Company Code   9100

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field   Source field   Rule | Line   Initial   Constant

```
Z91 - FI - VENDORS Vendor Master data

Fieldmapping and conversion ru

 └─  ZFK01                                    Create Vendor with accounting view

      └─  Fields

           ─── BUKRS          Company Code
                              Rule :   Constant
                              Coding:  ZFK01-BUKRS = '9100'.
           ─── KTOKK          Vendor account group
           ─── NAME1          Name 1
           ─── SORTL          Sort field
           ─── NAME2          Name 2
           ─── NAME3          Name 3
           ─── STRAS          House number and street
           ─── ORT01          City
           ─── PSTLZ          Postal Code
           ─── LAND1          Country key
           ─── AKONT          Reconciliation Account in General Ledger
           ─── ZUAWA          Key for sorting according to assignment numbers
           ─── ALTKN          Previous Master Record Number
           ─── ZTERM          Terms of payment key
           ─── ZWELS          List of the Payment Methods to be Considered
           ─── XAUSZ          Indicator for periodic account statements
```

Position the cursor on KTOKK and click Source field

ZFK01-KTOKK: Assign source field

No.	Source structure	Source field	Descriptio
0001	Z91FK01	BUKRS	BUKRS
0002	Z91FK01	KTOKK	KTOKK
0003	Z91FK01	NAME1	NAME1
0004	Z91FK01	SORTL	SORTL
0005	Z91FK01	NAME2	NAME2
0006	Z91FK01	NAME3	NAME3
0007	Z91FK01	STRAS	STRAS
0008	Z91FK01	ORT01	ORT01
0009	Z91FK01	PSTLZ	PSTLZ
0010	Z91FK01	LAND1	LAND1
0011	Z91FK01	AKONT	AKONT
0012	Z91FK01	ZUAWA	ZUAWA
0013	Z91FK01	ALTKN	ALTKN
0014	Z91FK01	ZTERM	ZTERM
0015	Z91FK01	ZWELS	ZWELS
0016	Z91FK01	XAUSZ	XAUSZ

Double click KTOKK

LSM Workbench: Change Fieldmapping and Conversion Rules

```
Z91 - FI - VENDORS Vendor Master data

Fieldmapping and conversion ru

    ZFK01                    Create Vendor with accounting view

        Fields

            BUKRS          Company Code
                    Rule :   Constant
                    Coding:  ZFK01-BUKRS = '9100'.
            KTOKK          Vendor account group
                    Source:  Z91FK01-KTOKK (KTOKK)
                    Rule :   Transfer (MOVE)
                    Coding:  ZFK01-KTOKK = Z91FK01-KTOKK.
            NAME1          Name 1
            SORTL          Sort field
            NAME2          Name 2
            NAME3          Name 3
            STRAS          House number and street
            ORT01          City
            PSTLZ          Postal Code
            LAND1          Country key
            AKONT          Reconciliation Account in General Ledger
            ZUAWA          Key for sorting according to assignment numbers
            ALTKN          Previous Master Record Number
            ZTERM          Terms of payment key
            ZWELS          List of the Payment Methods to be Considered
            XAUSZ          Indicator for periodic account statements
```

Position the cursor on NAME1 and click Source field .

Double click NAME1

Similarly map all the fields

```
-SORTL
-NAME2
-NAME3
-STRAS
-ORT01
-PSTLZ
-LAND1
-AKONT
-ZUAWA
-ALTKN
-ZTERM
-ZWELS
-XAUSZ
```

To

0004	Z91FK01	SORTL
0005	Z91FK01	NAME2
0006	Z91FK01	NAME3
0007	Z91FK01	STRAS
0008	Z91FK01	ORT01
0009	Z91FK01	PSTLZ
0010	Z91FK01	LAND1
0011	Z91FK01	AKONT
0012	Z91FK01	ZUAWA
0013	Z91FK01	ALTKN
0014	Z91FK01	ZTERM
0015	Z91FK01	ZWELS
0016	Z91FK01	XAUSZ

Sometime you get a message ignore it. This is because you have maintained the length of the field which is more than the target field. If the source field is longer than the target field the text such as name, address could get truncated.

Information

Attention: The source field is longer than the target field.

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field   Source field   Rule   Line   Initial   Constant

```
Z91 - FI - VENDORS Vendor Master data
                            Source:   Z91FK01-ORT01 (ORT01)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-ORT01 = Z91FK01-ORT01.
        PSTLZ               Postal Code
                            Source:   Z91FK01-PSTLZ (PSTLZ)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-PSTLZ = Z91FK01-PSTLZ.
        LAND1               Country key
                            Source:   Z91FK01-LAND1 (LAND1)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-LAND1 = Z91FK01-LAND1.
        AKONT               Reconciliation Account in General Ledger
                            Source:   Z91FK01-AKONT (AKONT)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-AKONT = Z91FK01-AKONT.
        ZUAWA               Key for sorting according to assignment numbers
                            Source:   Z91FK01-ZUAWA (ZUAWA)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-ZUAWA = Z91FK01-ZUAWA.
        ALTKN               Previous Master Record Number
                            Source:   Z91FK01-ALTKN (ALTKN)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-ALTKN = Z91FK01-ALTKN.
        ZTERM               Terms of payment key
                            Source:   Z91FK01-ZTERM (ZTERM)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-ZTERM = Z91FK01-ZTERM.
        ZWELS               List of the Payment Methods to be Considered
                            Source:   Z91FK01-ZWELS (ZWELS)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-ZWELS = Z91FK01-ZWELS.
        XAUSZ               Indicator for periodic account statements
                            Source:   Z91FK01-XAUSZ (XAUSZ)
                            Rule :    Transfer (MOVE)
                            Coding:   ZFK01-XAUSZ = Z91FK01-XAUSZ.
```

Click

Click

LSM Workbench: Change Fieldmapping and Conversion Rules

Source field | Source field | Rule | Line | Initia

```
Z91 - FI - VENDORS Vendor Master data
                              Source:  Z91FK01-ORT01 (ORT01)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-ORT01 = Z91FK01-ORT01.
              PSTLZ           Postal Code
                              Source:  Z91FK01-PSTLZ (PSTLZ)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-PSTLZ = Z91FK01-PSTLZ.
              LAND1           Country key
                              Source:  Z91FK01-LAND1 (LAND1)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-LAND1 = Z91FK01-LAND1.
              AKONT           Reconciliation Account in General Ledger
                              Source:  Z91FK01-AKONT (AKONT)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-AKONT = Z91FK01-AKONT.
              ZUAWA           Key for sorting according to assignment number
                              Source:  Z91FK01-ZUAWA (ZUAWA)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-ZUAWA = Z91FK01-ZUAWA.
              ALTKN           Previous Master Record Number
                              Source:  Z91FK01-ALTKN (ALTKN)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-ALTKN = Z91FK01-ALTKN.
              ZTERM           Terms of payment key
                              Source:  Z91FK01-ZTERM (ZTERM)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-ZTERM = Z91FK01-ZTERM.
              ZWELS           List of the Payment Methods to be Considered
                              Source:  Z91FK01-ZWELS (ZWELS)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-ZWELS = Z91FK01-ZWELS.
              XAUSZ           Indicator for periodic account statements
                              Source:  Z91FK01-XAUSZ (XAUSZ)
                              Rule :   Transfer (MOVE)
                              Coding:  ZFK01-XAUSZ = Z91FK01-XAUSZ.
```
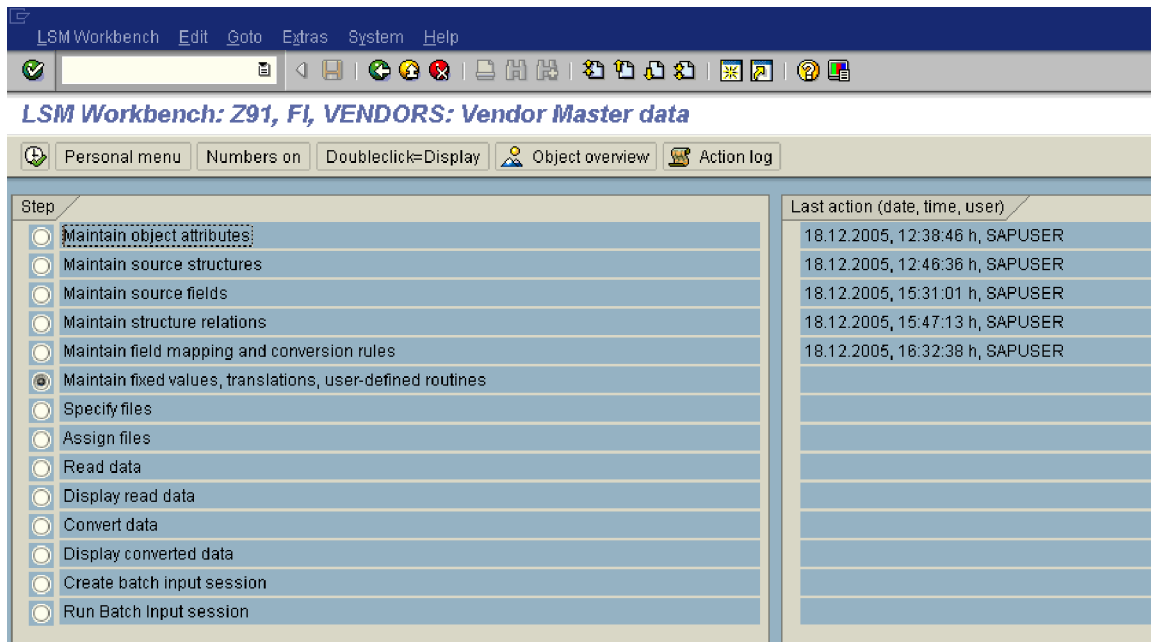
✓ The conversion program could be generated successfully.

Click ⬅

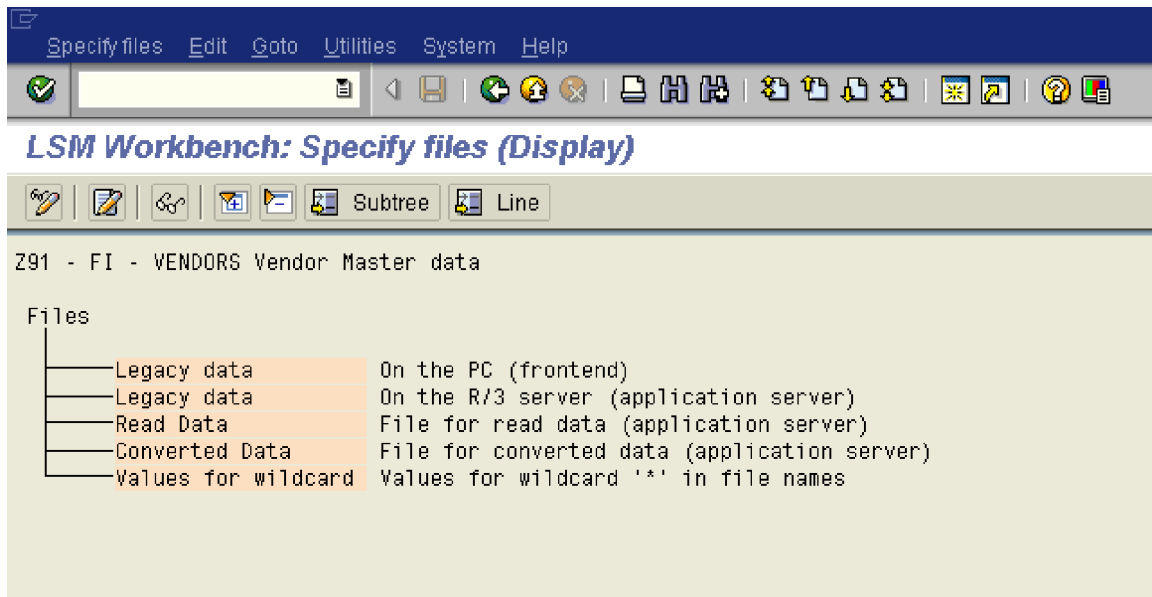# 8. Specify file for upload and create a file for upload

Here you attach the text file for upload.

Skip the Step **Maintain fixed values, translations, user defined routines**

Click [Specify files]

Click [⊕]

Before we attach the file for upload, we must create this the file.

Use the file already downloaded for creating upload file

Copy column K and insert on a new worksheet

Right click and select

Click **OK**

Remove the blank columns in between

Now update the data for vendors to be uploaded into the system.

Save this file as an excel template for upload of Vendor master.

Thereafter delete the header row.

Now click on File à Save as

Click ![Save]
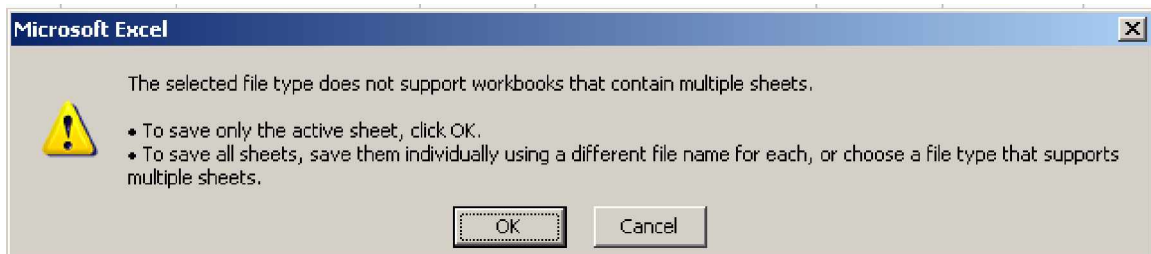
Click ![OK]
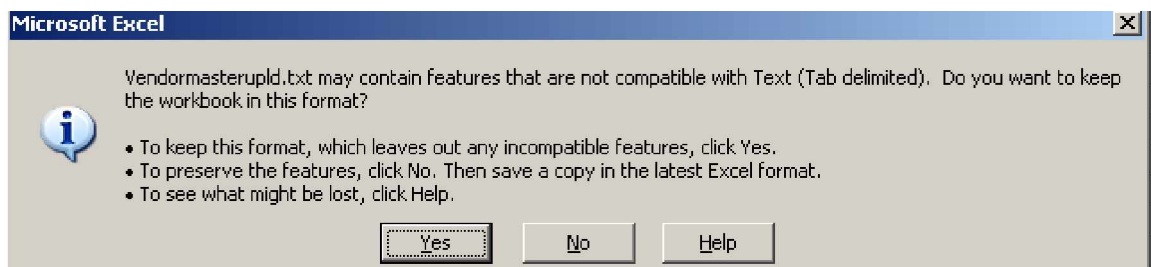
Click ![Yes]

Click ✕ to close the file

Click

Check the text file to see if it is ok , whether it has no double quotes etc.

Open the text file from the location where it is saved.

There are some double quotes in the file, we need to remove this

Update the following:-
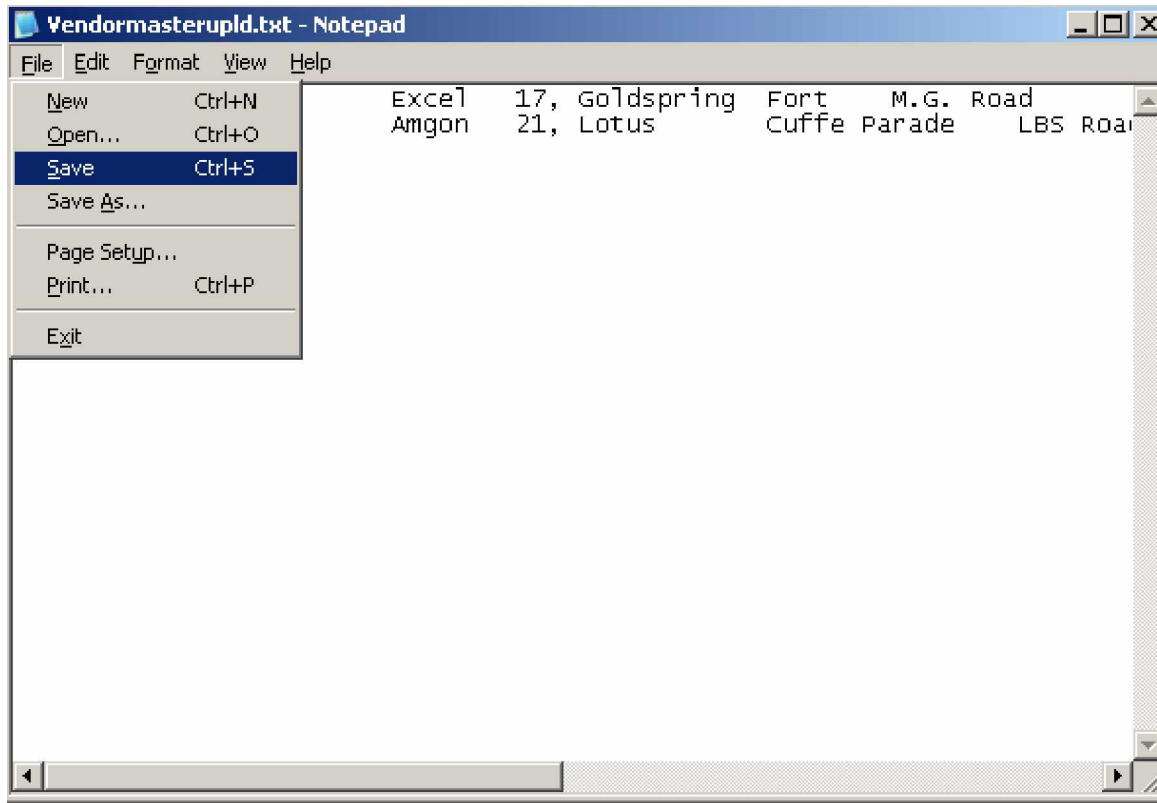
Click

Click

Close this file.

Now the file is ready for upload.

Go to the LSMW screen in SAP

LSM Workbench: Specify files (Display)

Subtree   Line

Z91 - FI - VENDORS Vendor Master data

Files

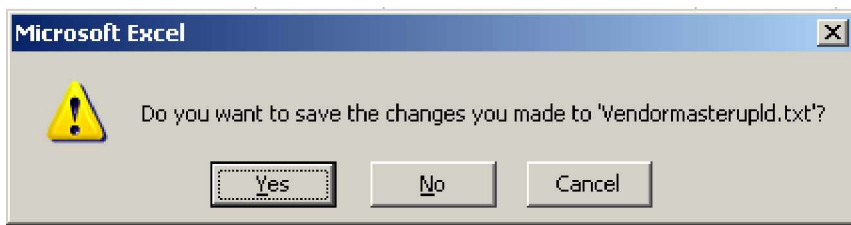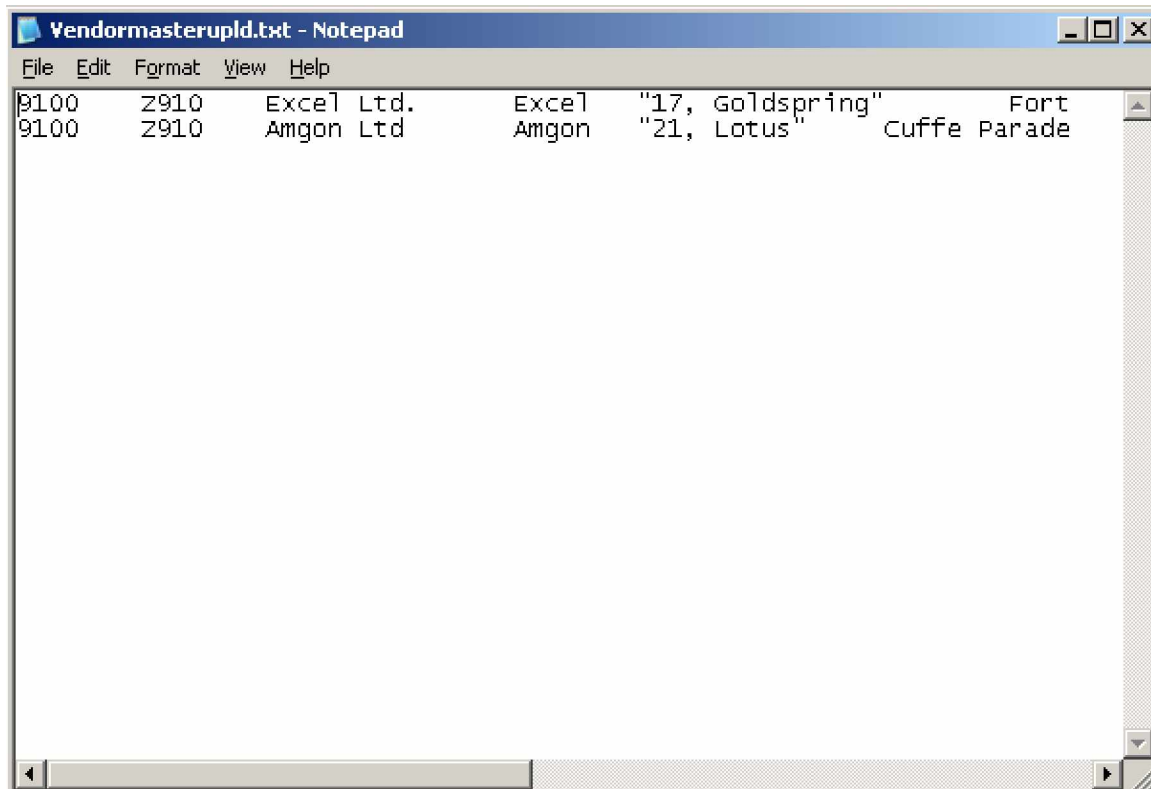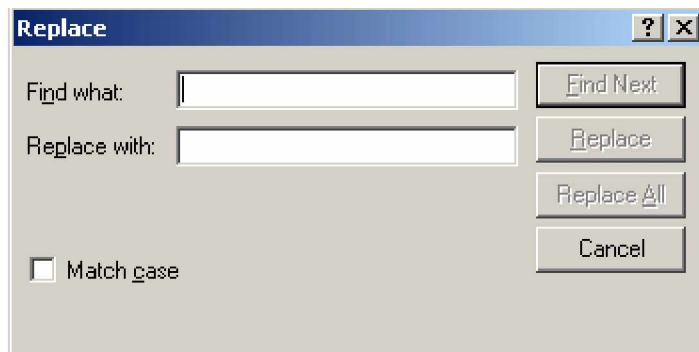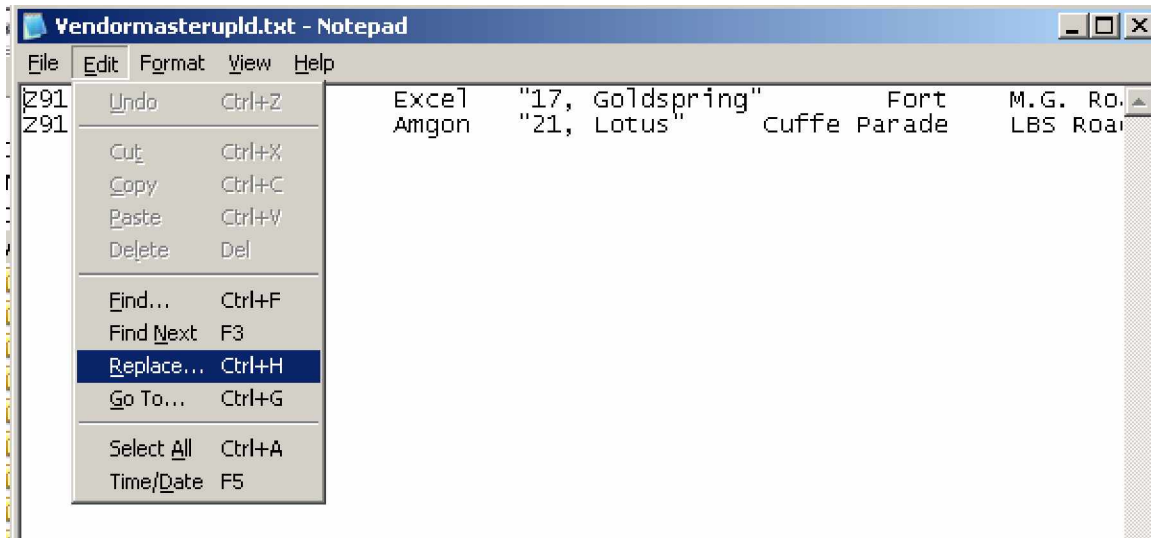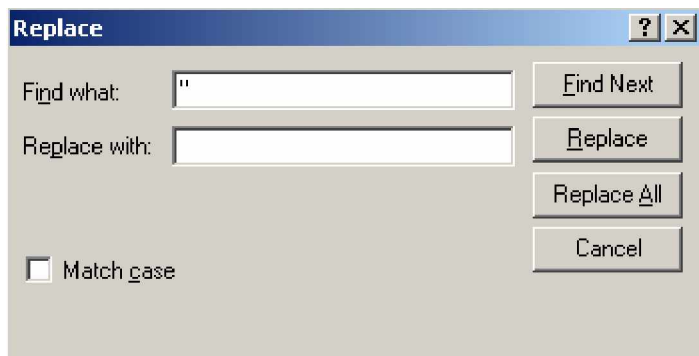| Legacy data | On the PC (frontend) |
Legacy data	On the R/3 server (application server)
Read Data	File for read data (application server)
Converted Data	File for converted data (application server)
Values for wildcard	Values for wildcard '*' in file names

Click

LSM Workbench: Specifiy files (Change)

Subtree   Line

Z91 - FI - VENDORS Vendor Master data

Files

Legacy data	On the PC (frontend)	
Legacy data	On the R/3 server (application server)	
Read Data	File for read data (application server)	
Read Data		Z91_FI_VENDORS.lsmw.read
Converted Data	File for converted data (application server)	
Converted Data		Z91_FI_VENDORS.lsmw.conv
Values for wildcard	Values for wildcard '*' in file names	

Double click `Legacy data` `On the PC (frontend)`

File on frontend: Edit properties   ⊠

File | 🔄
Description   ☑

File contents
  ⦿ Data for one source structure (table)
  ○ Data for several source structures (seq. file)

Delimiter
  ⦿ No delimiter   ○ Comma
  ○ Tabulator   ○ Space
  ○ Semicolon   ○ Other

File structure
  ☐ Field names at the beginning of the file
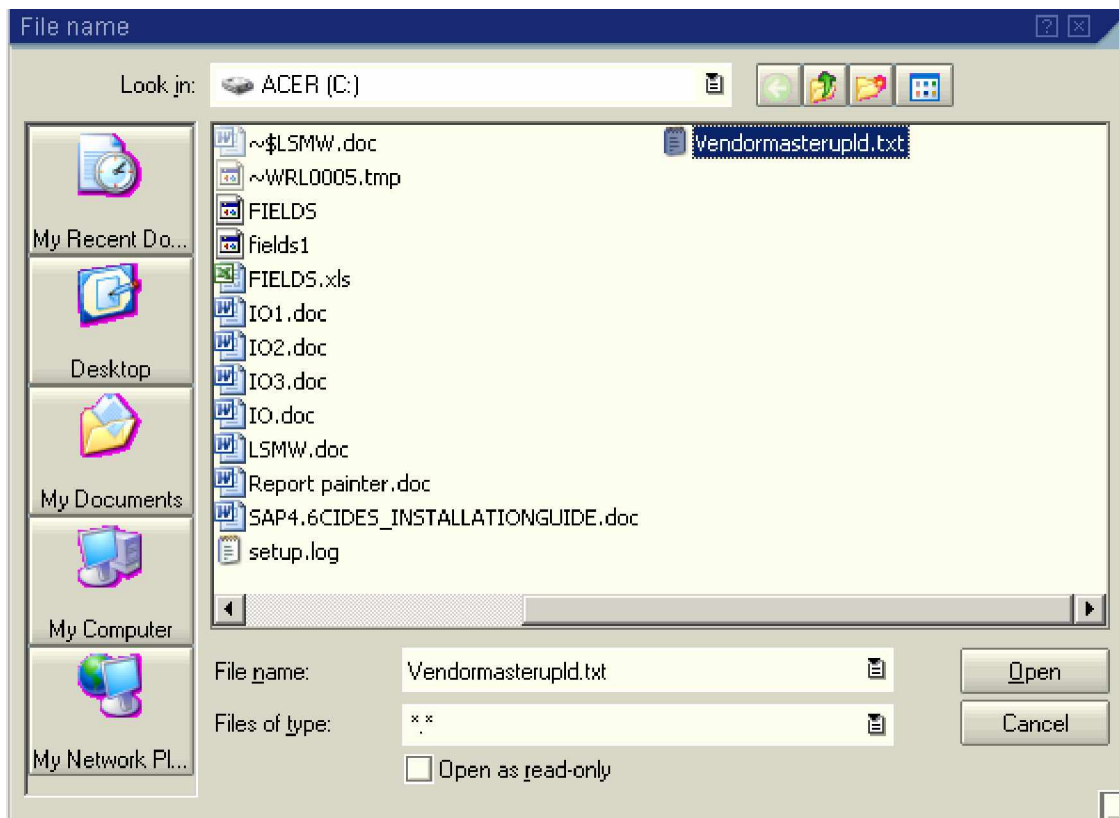 ☑ Order of fields as in source structure definition

File type
  ⦿ Record end indicator (text file)
  ○ Fixed record length
  ○ Hexadecimal length field (4 B.) at the beginning

Code page
  ⦿ ASCII   ○ IBM DOS

✔ ✖

Take a drop down in the field file

Click [Open]

File on frontend: Edit properties

File	C:\Vendormasterupld.txt
Description	☑

File contents

◉ Data for one source structure (table)

○ Data for several source structures (seq. file)

Delimiter

◉ No delimiter   ○ Comma

○ Tabulator   ○ Space

○ Semicolon   ○ Other

File structure

☐ Field names at the beginning of the file

☑ Order of fields as in source structure definition

File type

◉ Record end indicator (text file)

○ Fixed record length

○ Hexadecimal length field (4 B.) at the beginning

Code page

◉ ASCII   ○ IBM DOS

✔ ✖

Update the following:-

File on frontend: Edit properties

File	C:\Vendormasterupld.txt
Description	Vendor master upload

File contents

- ◉ Data for one source structure (table)
- ○ Data for several source structures (seq. file)

Delimiter

- ○ No delimiter
- ◉ Tabulator
- ○ Semicolon
- ○ Comma
- ○ Space
- ○ Other

File structure

- ☐ Field names at the beginning of the file
- ☑ Order of fields as in source structure definition

File type

- ◉ Record end indicator (text file)
- ○ Fixed record length
- ○ Hexadecimal length field (4 B.) at the beginning

Code page

- ◉ ASCII
- ○ IBM DOS

Click ✔

LSM Workbench: Specifiy files (Change)

Subtree   Line

Z91 - FI - VENDORS Vendor Master data

Files

```
┌─ Legacy data              On the PC (frontend)
│   └─ Vendor master upload              C:\Vendormasterupld.txt
│                                        Data for one source structure (table)
│                                        Delimiter tabulator
│                                        Order of fields as in source structure definition
│                                        With end of record sequence (text file)
│                                        Code page ASCII
├─ Legacy data              On the R/3 server (application server)
├─ Read Data                File for read data (application server)
│   └─ Read Data                         Z91_FI_VENDORS.lsmw.read
├─ Converted Data           File for converted data (application server)
│   └─ Converted Data                    Z91_FI_VENDORS.lsmw.conv
└─ Values for wildcard      Values for wildcard '*' in file names
```
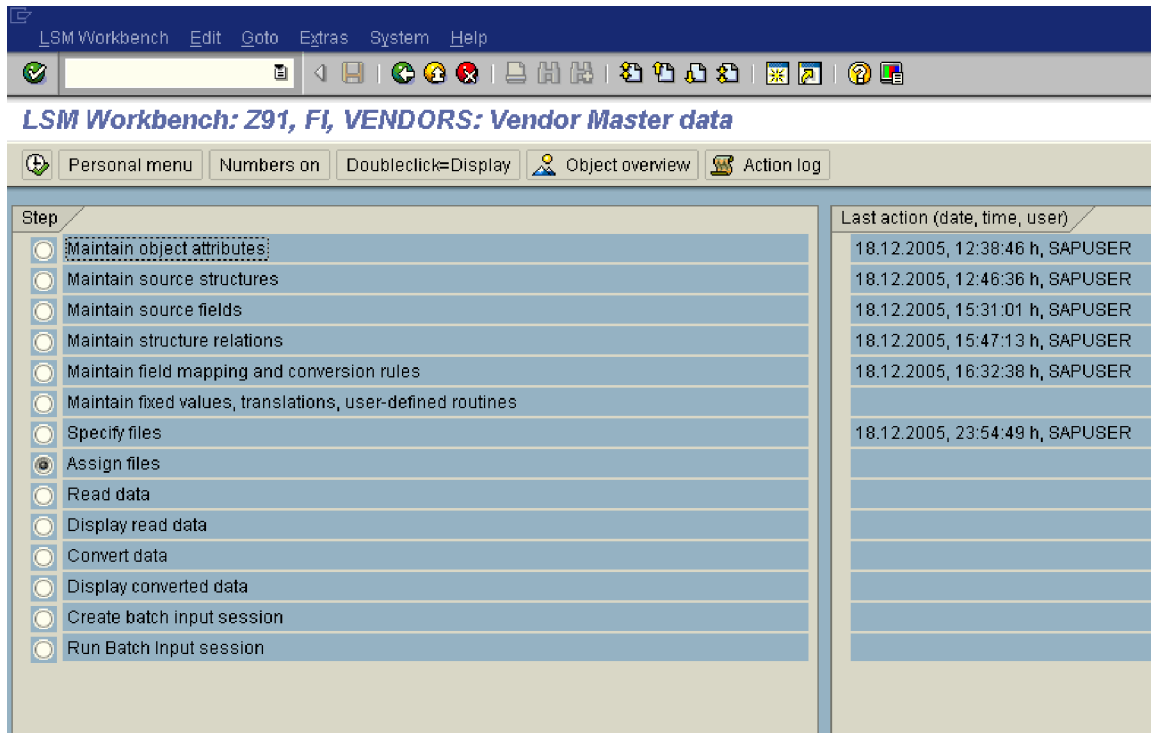
Click 💾

Click ↩

9. Assign files

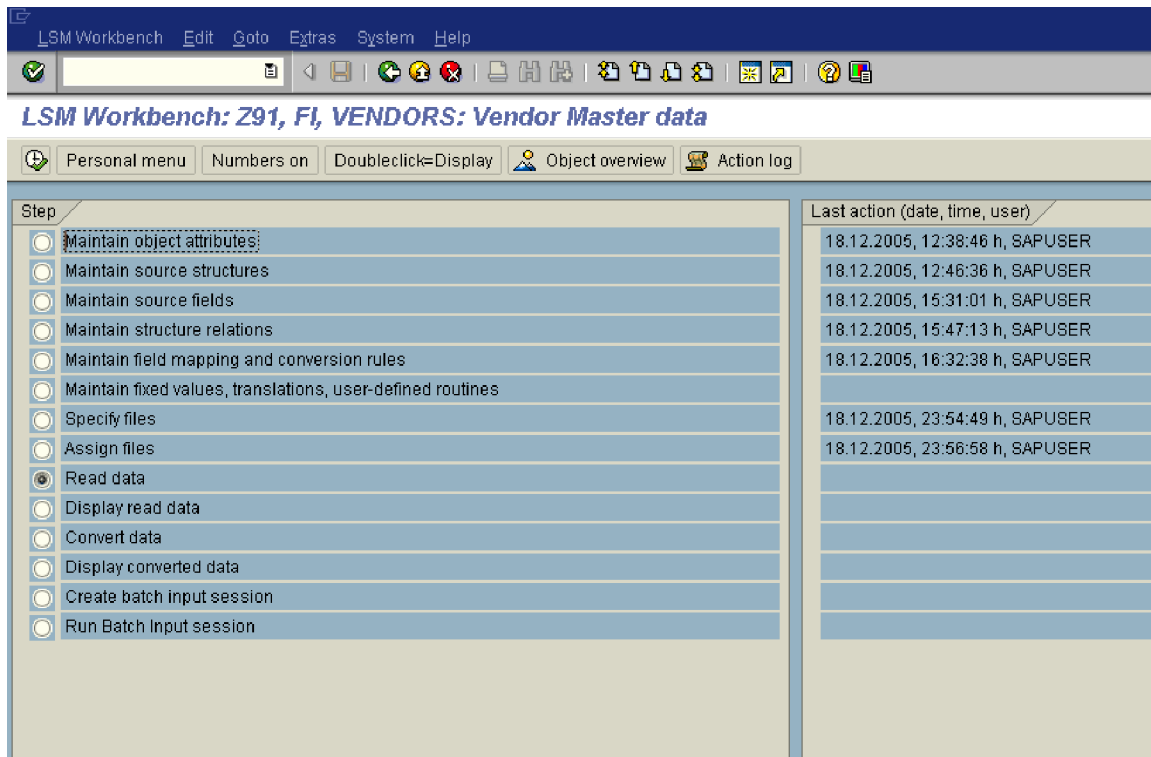We just click on change button and save the assignment.

Click

Click

Click ![save icon]

Click ![back icon]
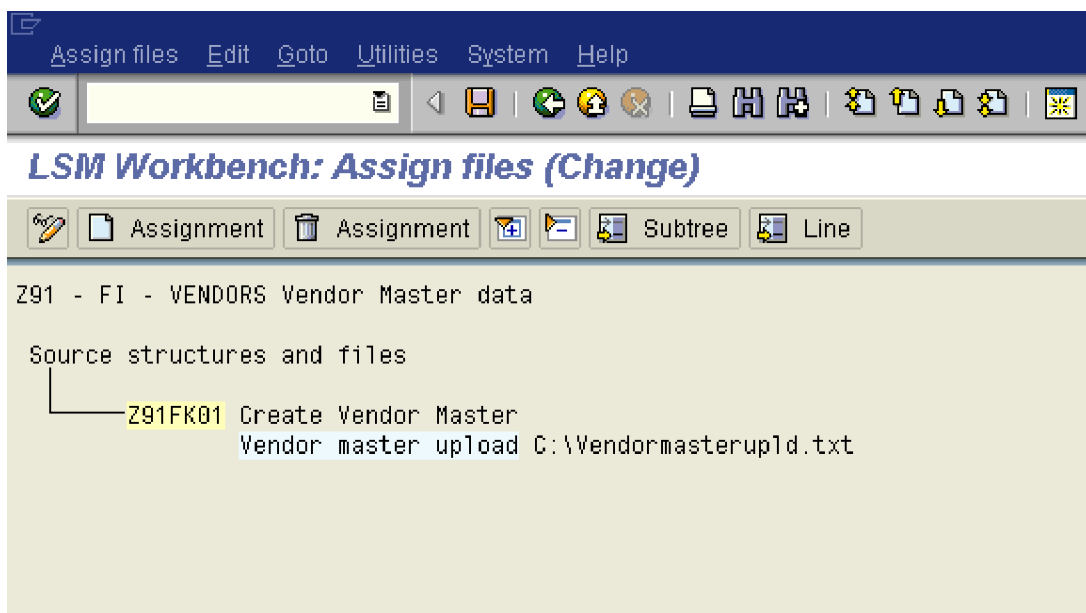
10.   Read data

By executing this step the system actually reads the data from the upload file.

Click ![execute icon]

Program   Edit   Goto   System   Help

General selection parameters

Transaction number   to

☑ Amount fields -> 1234.56
☑ Date values -> YYYYMMDD

Click 🕓

List   Edit   Goto   System   Help

LSM Workbench: Read Data for Z91, FI, VENDORS

LSM Workbench: Read Data for Z91, FI, VENDORS

18.12.2005 - 23:58:16

Read file(s):   C:\Vendormasterupld.txt
Written file: Z91_FI_VENDORS.lsmw.read

Source structure	Read	Written	Not written
Z91FK01	2	2	0

Transactions read: 2
Records read: 2
Transactions written: 2
Records written: 2

It shows the number of transactions read, written and not written.

Click ![icon] twice

11. Display Read data
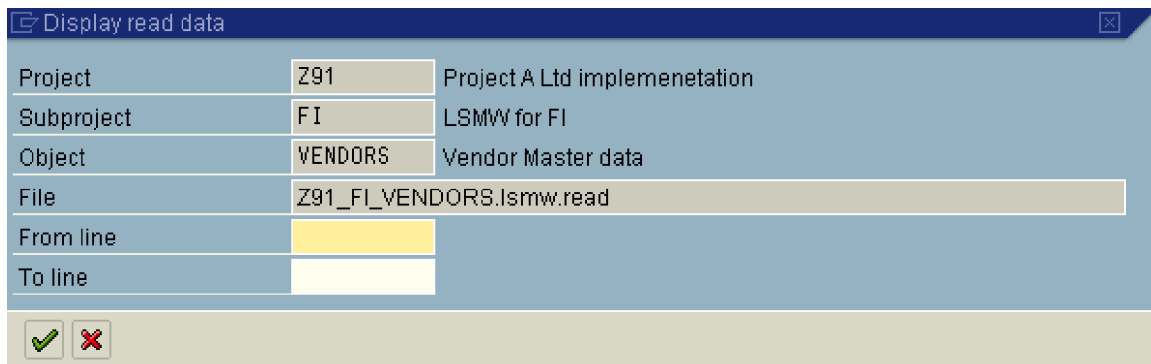
This step is very important. Here you come to know whether there are any errors. Whether the data passed on from the file is mapped to correct field. So you should see a few records to see whether it is correct.

Click ![icon]

Click ![icon]

LSM Workbench: Display Read Data

🔍 Field contents	📋 Change display	📊 Display color legend

File   Z91_FI_VENDORS.lsmw.read

Line	Struktur			Conts.			
	LSMWZ91	FI	VENDORS	C11	80020051218235816SAPUSER		
1	Z91FK01			Z910ExceExcel		17, Goldspring	Fort
2	Z91FK01			Z910AmgoAmgon		21, Lotus	Cuffe Parade

Double click   1

LSM Workbench: Display Read Data

File	Z91_FI_VENDORS.lsmw.read	
Structure	Z91FK01	
Field name	**Field text**	**Field value**
BUKRS	BUKRS	9100
KTOKK	KTOKK	Z910
NAME1	NAME1	Excel Ltd.
SORTL	SORTL	Excel
NAME2	NAME2	17, Goldspring
NAME3	NAME3	Fort
STRAS	STRAS	M.G. Road
ORT01	ORT01	Mumbai
PSTLZ	PSTLZ	400001
LAND1	LAND1	IN
AKONT	AKONT	213320
ZUAWA	ZUAWA	002
ALTKN	ALTKN	66770
ZTERM	ZTERM	0001
ZWELS	ZWELS	C

Click 🔙 twice

12. Convert data

In this step the read data is converted.

Click

Click

```
   List   Edit   Goto   System   Help

LSM Workbench: Convert Data for Z91, FI, VENDORS


LSM Workbench: Convert Data for Z91, FI, VENDORS

19.12.2005 - 00:17:37

Read file:          Z91_FI_VENDORS.lsmw.read
Written file:       Z91_FI_VENDORS.lsmw.conv

Transactions read:                  2
Records read:                       2
Transactions written:               2
Records written:                    2
```
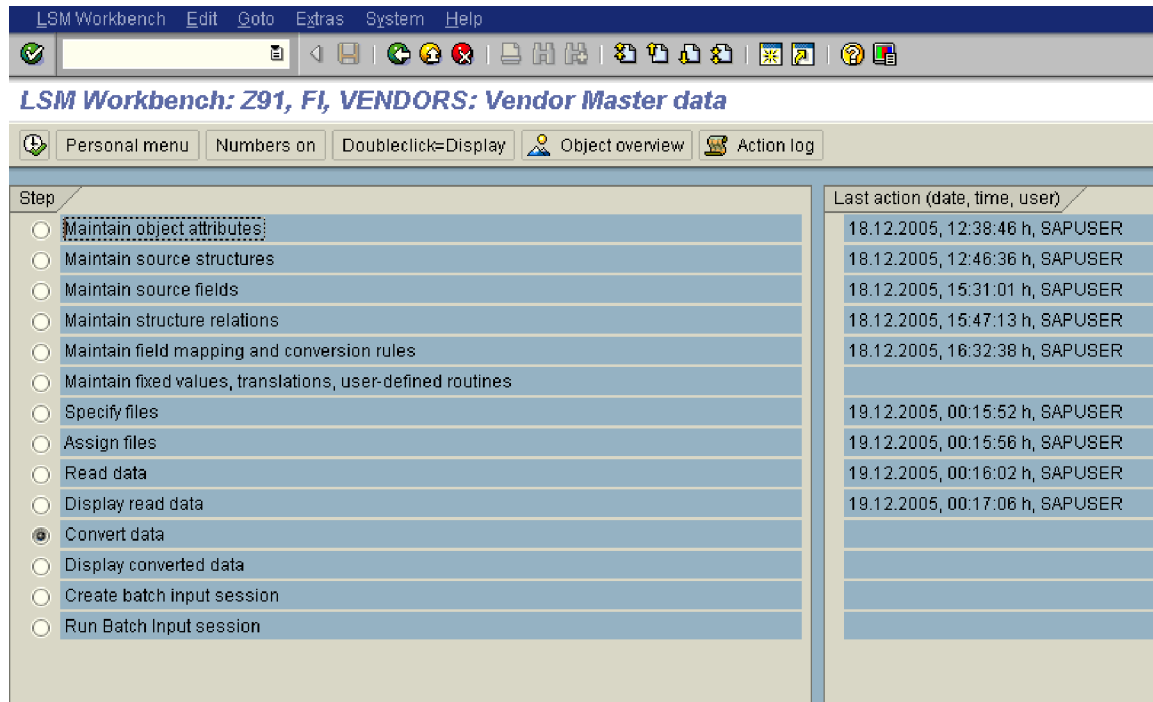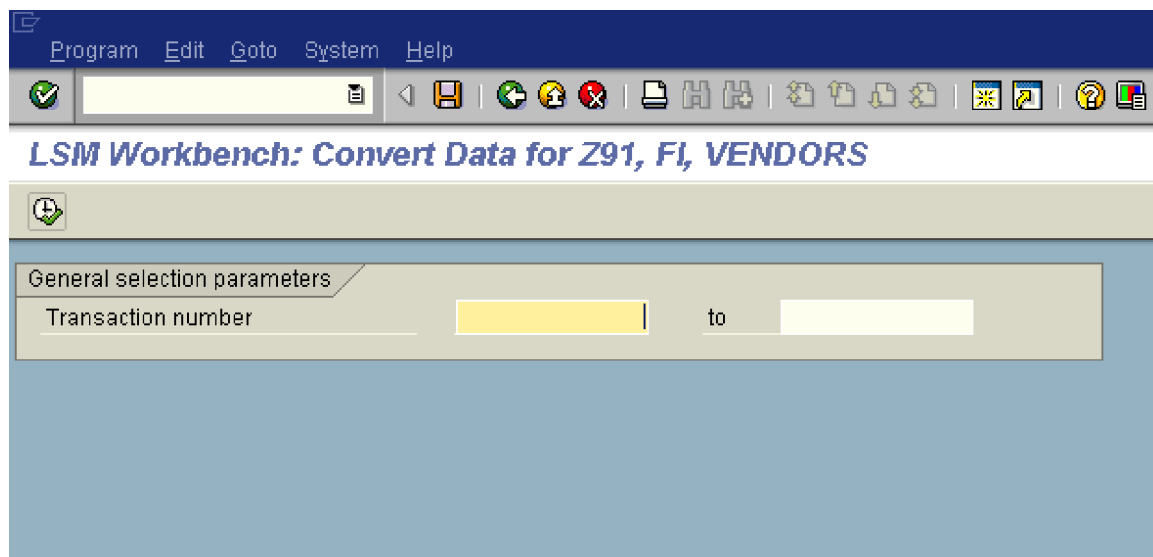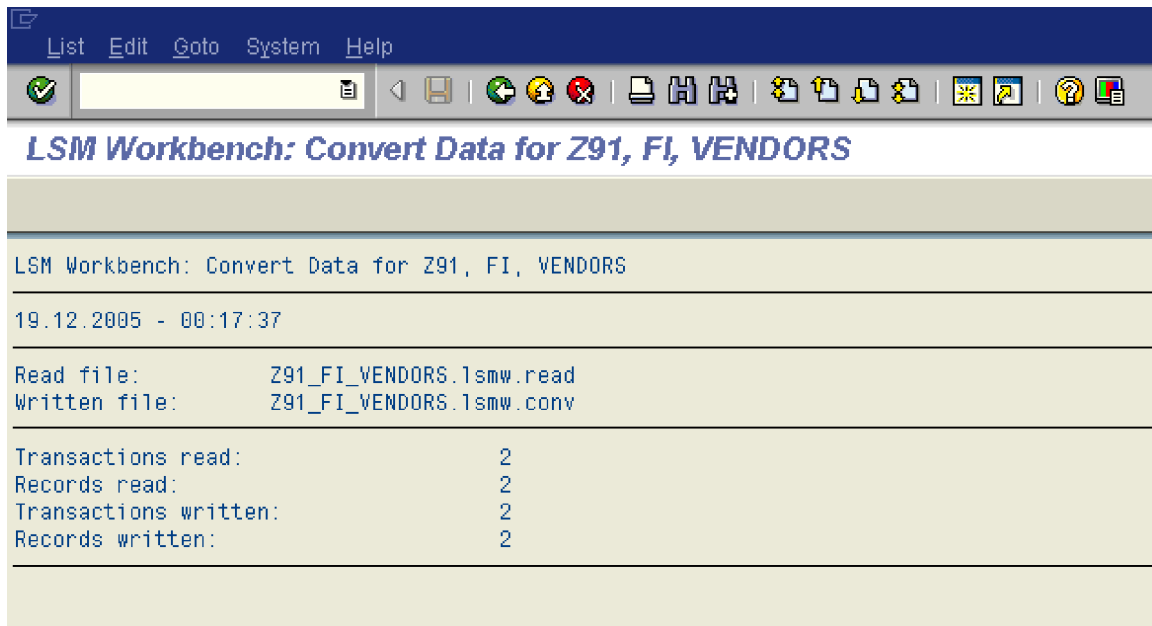
Click [icon] twice

13.   Display converted data

In this step we display the converted data. Again you should see one or 2
records to see that they are converted correctly.

Click

Double click on 1

LSM Workbench: Display Converted Data

File   Z91_FI_VENDORS.lsmw.conv

Structure ZFK01

Field name	Field text	Field value
TABNAME	Table name	ZFK01
TCODE	Transaction code	FK01
BUKRS	Company Code	9100
KTOKK	Vendor account group	Z910
NAME1	Name 1	Excel Ltd.
SORTL	Sort field	Excel
NAME2	Name 2	17, Goldspring
NAME3	Name 3	Fort
STRAS	House number and street	M.G. Road
ORT01	City	Mumbai
PSTLZ	Postal Code	400001
LAND1	Country key	IN
AKONT	Reconciliation Account in General Ledger	213320
ZUAWA	Key for sorting according to assignment numbers	002
ALTKN	Previous Master Record Number	66770

Click twice

14. Create Batch input session

In this step we create the Batch input session for the upload data. The data is not updated when you create Batch input session.
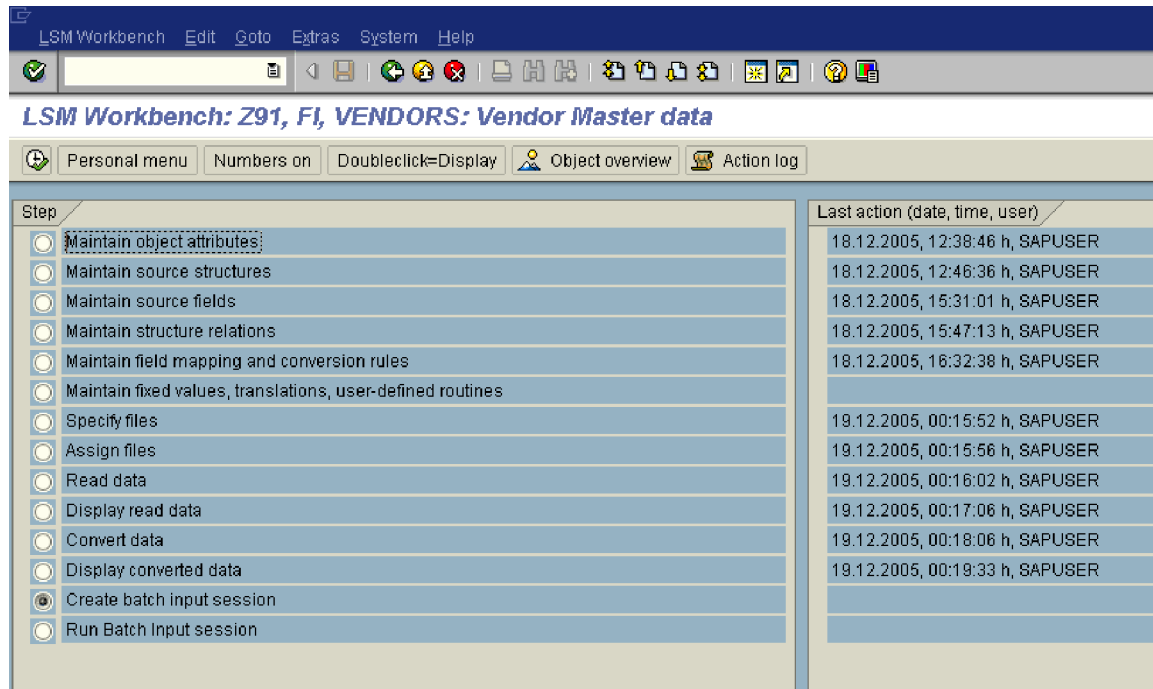
Click
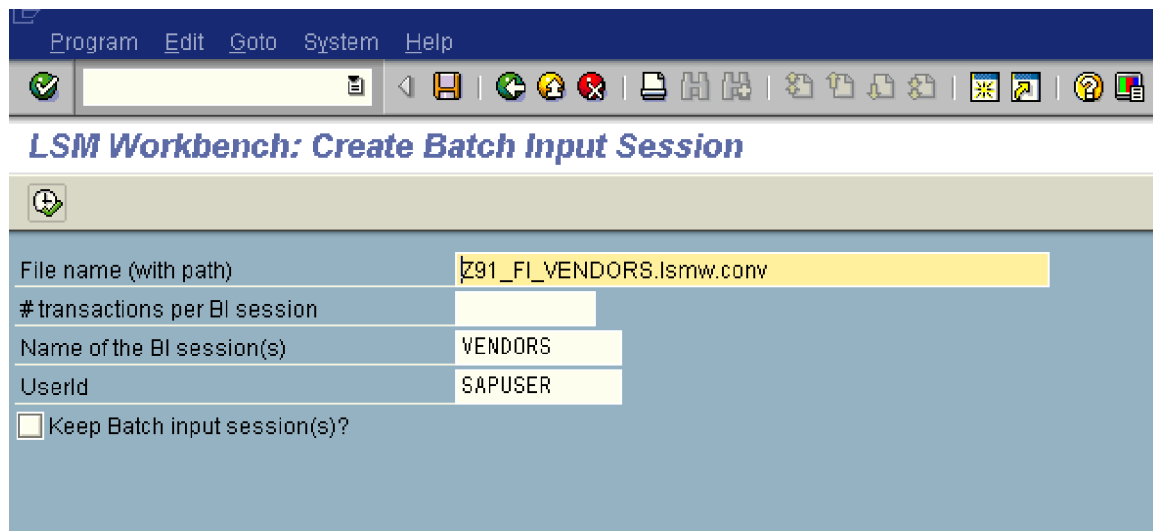
Click
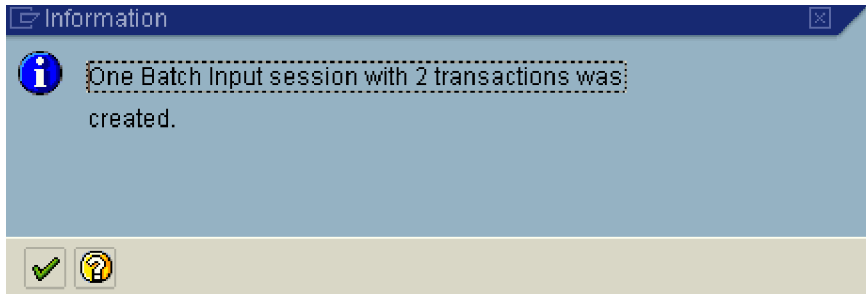
15.   Run Batch input session

In this step, we execute the Batch input session. Data is actually updated here.

We should first execute the Batch input session for a few records in foreground. After testing that the data is getting uploaded correctly, then you can execute this session in the background.
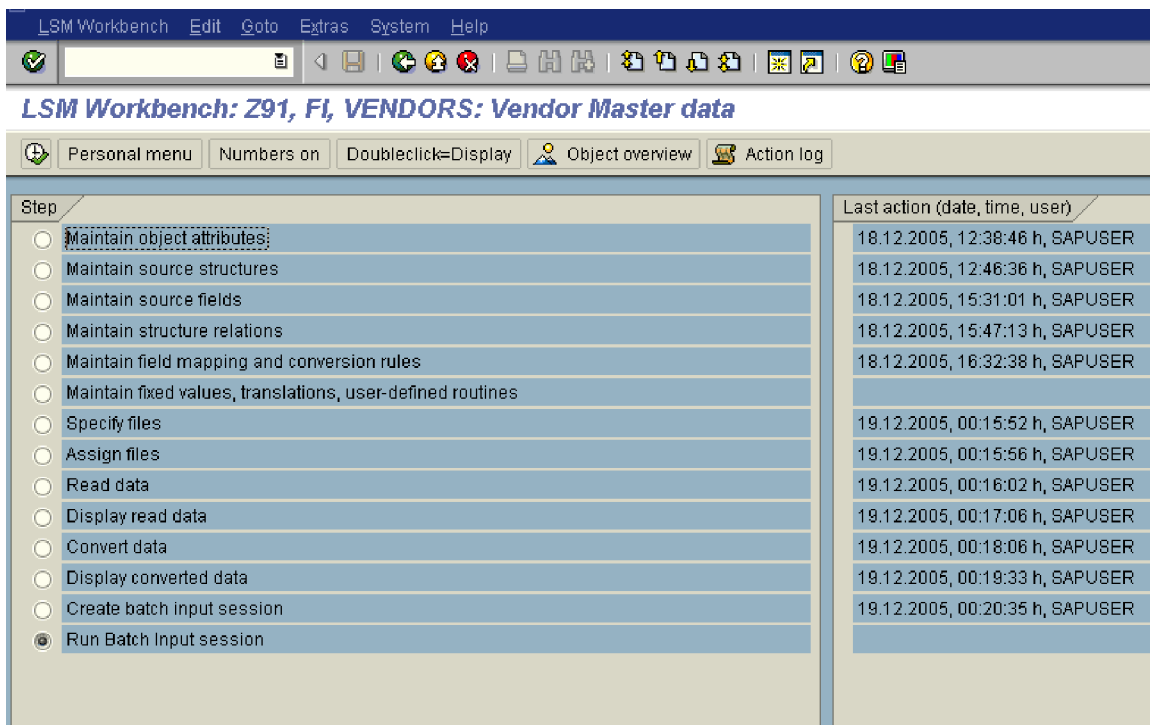
Click
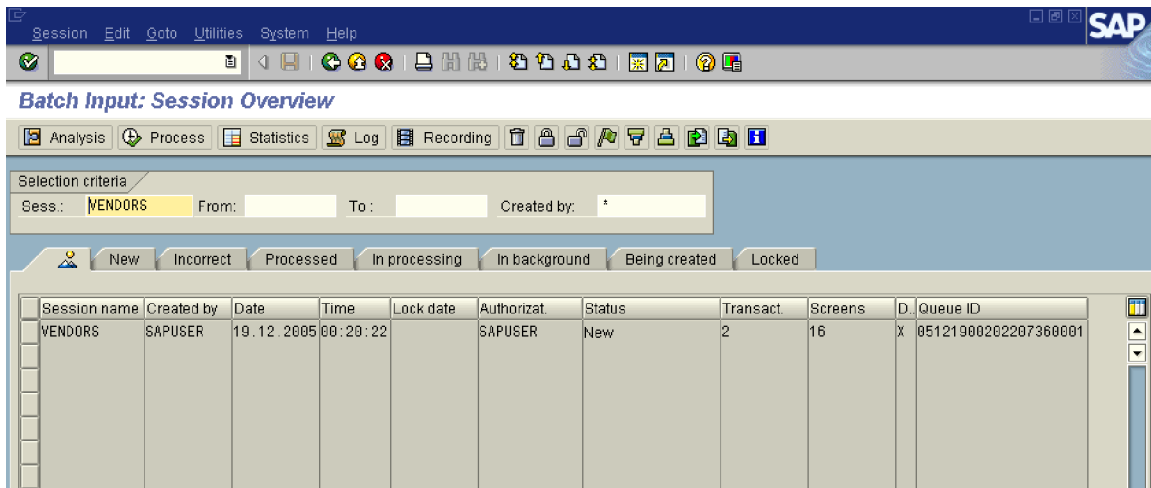
Select VENDORS
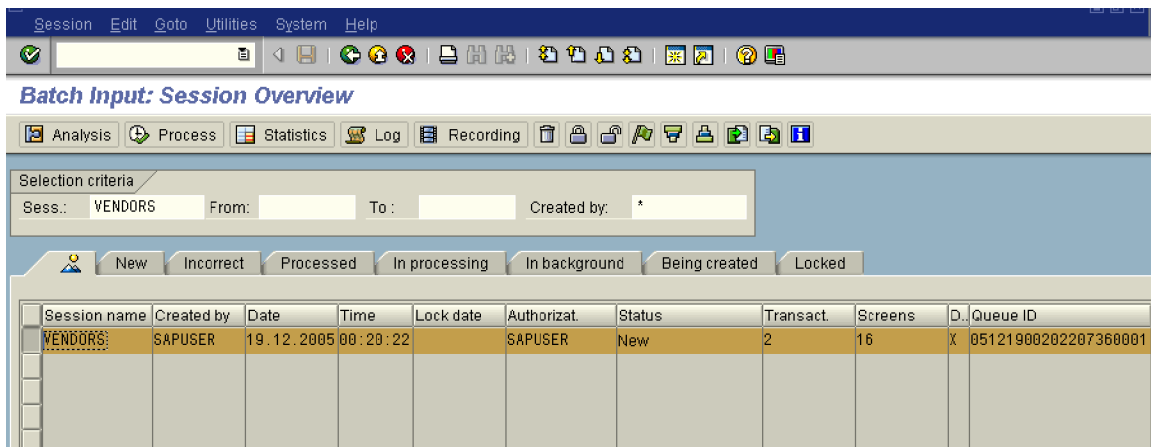
Click Process
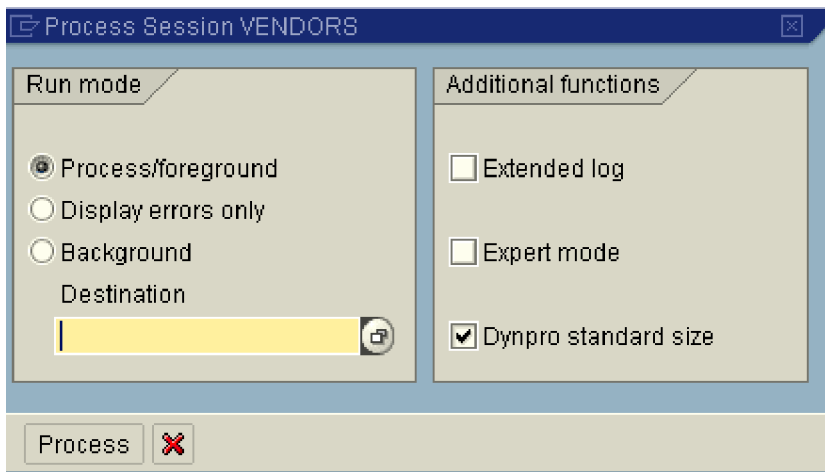
Run the first record in foreground.

Click **Process**

Click

Create Vendor: Address

Vendor	INTERNAL

Address

Title	
Name	Excel Ltd.
	17, Goldspring
	Fort
Street	M.G. Road
City	Mumbai
District	
P.O.Box city	
Country	IN

Search term

P.O. Box	
Postal code	400001
PO box PCode	
Region	

Create Vendor: Address

OK-Code

/00

Communications data

Language key		Telex number	
Telephone 1		Fax number	
Telephone 2		Teletex number	
Telebox		Data line	

Click ✓

Create Vendor: Control

| Vendor | INTERNAL | Excel Ltd. | Mumbai |

Account control

| Customer | | Authorization | |
| Trading partner | | Group key | |

Tax information

Tax code 1		Tax number cat	
Tax code 2		Tax category	
Tax code 3			
Tax code 4			
Fiscal address			
Jurisdict. code		VAT reg.no.	
Tax office			
Tax number			

☐ Equalizatn tax
☐ Natural person
☐ Sales/pur.tax
☐ Tax split

More

Create Vendor: Control

OK-Code
/00

Reference data

Location no. 1		Location no. 2		Check digit	
Industry					
SCAC		Car.freight grp		ServAgntProcGrp	
POD-relevant					
Actual QM sys.		QM system to			

Person subject to withholding tax

| Date of birth | | Place of birth | |
| Sex | | Profession | |

Click

Create Vendor: Payment transactions

Vendor	INTERNAL	Excel Ltd.	Mumbai

Bank details

Ctry	Bank key	Bank account	Acct holder				C..	Name of bank

Create Vendor: Payment transacti ⊠

OK-Code
=ENTR ✔

Bank data...   Del. bk detail

Payment transactions

Alternative payee	
DME indicator	
Instruction key	

Alternative payee in document

☐ Individual spec.

☐ Spec. per reference   Permitted payee

Click ✔

/00

Create Vendor: Accounting information Accounting

Vendor	INTERNAL	Excel Ltd.	Mumbai
Company code	9100	A Ltd	

Accounting information

Recon. account	213320	Sort key	002
Head office		Subsidy indic.	
Authorization		Cash mgmnt group	
		Release group	
Minority indic.		Certificatn date	

Create Vendor: Accounting inform⊠

OK-Code

/00 ✔

Interest calculation

Interest indic.		Last key date	
Int. cycle		Last interest run	

Withholding tax

W.tax code		Exemption number	
Wth.tx cty		Valid until	
Recipient type		Exmpt.authority	

Reference data

Prev.acct no.	66770	Personnel number	

Default data for tax reports

Activity code		Distr. type	

Click ✔

/00

Create Vendor: Payment transactions Accounting

Vendor	INTERNAL	Excel Ltd.	Mumbai
Company code	9100	A Ltd	

Payment data

Payment terms	0001	Tolerance group	
Cr memo terms		Chk double inv.	☐
Chk cashng time			

Create Vendor: Payment transacti ☒

OK-Code
/00 ✔

Automatic payment transactions

Payment methods	C	Payment block	
Alternat.payee		House bank	
Individual pmnt	☐	Grouping key	
B/exch.limit		INR	
Pmt adv. by EDI	☐	Alt.payee(doc.)	☐	Permitted payee

Invoice verification

Tolerance group	

Click ✔

/00

Create Vendor: Correspondence Accounting

Vendor	INTERNAL	Excel Ltd.	Mumbai
Company code	9100	A Ltd	

Dunning data

Dunn.procedure		Dunning block	
Dunn.recipient		Legal dunn.proc.	
Last dunned		Dunning level	
Dunning clerk		Grouping key	

Dunning areas

Create Vendor: Correspondence ☒

OK-Code

/00   ✔

Correspondence

Local process.	☐	Acct statement	2
Acctg clerk			
Acct w/ vendor			
Clerk at vendor			
Act.clk tel.no.			
Clerk's fax			
Clrk's internet			
Account memo			

Click ✔

Click ![checkmark]

Update the following:-
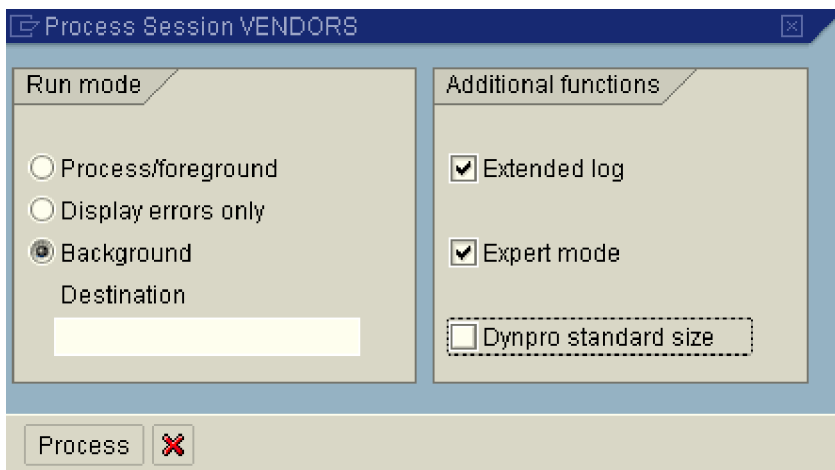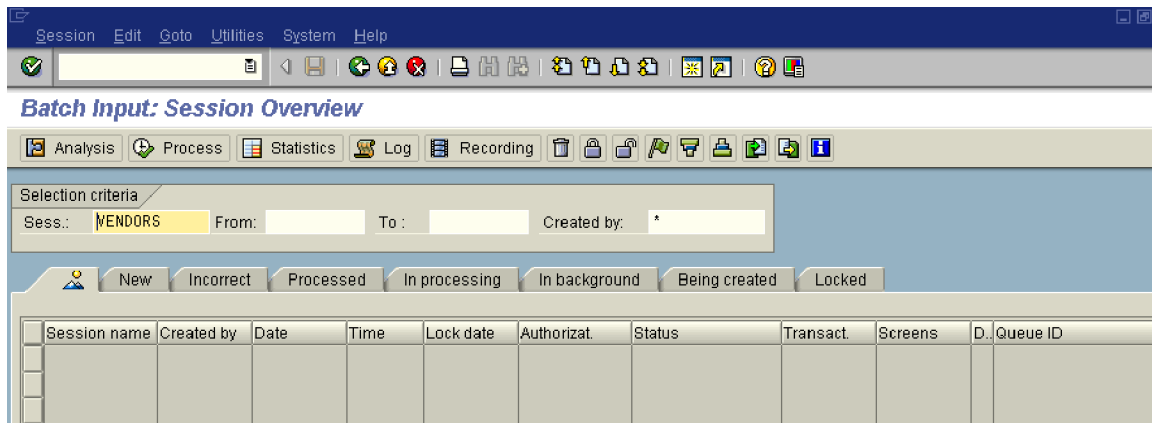

Click ![Session overview]

After verifying that the first record is uploaded correctly, you can now run the batch input session in background.

Now again select and process in background for the next record

Click **Process**

Keep Pressing enter till the session goes away.

The Vendors are successfully updated.

That brings us to an end of creation and execution of LSMW.