QUESTION.

Using ALV, display Header details.  
1)   When double clicked on document-number display item data corresponding to document number.  
2)    Double clicked on payer number in header table. Go to transaction ‘xd03’and skip the first screen and display payer details.  
3)   Double clicked on material number in item table. Go to transaction ‘mm03’and display material details.

PROGRAM:

*\*&---------------------------------------------------------------------\**  
*\*& Report ZMAR\_ALV\_TASK1*  
*\*&---------------------------------------------------------------------\**  
*\*&1)Define data objects to store header and item data as per requirement.*  
*\* 2)provide option for user i/p screen*  
*\* 3)double click on document number show icon item details in alv.*  
*\* 4)double click on payer to go to xd03 and skip screen.*  
*\* 5)double click on material to show details.*  
*\*&---------------------------------------------------------------------\**

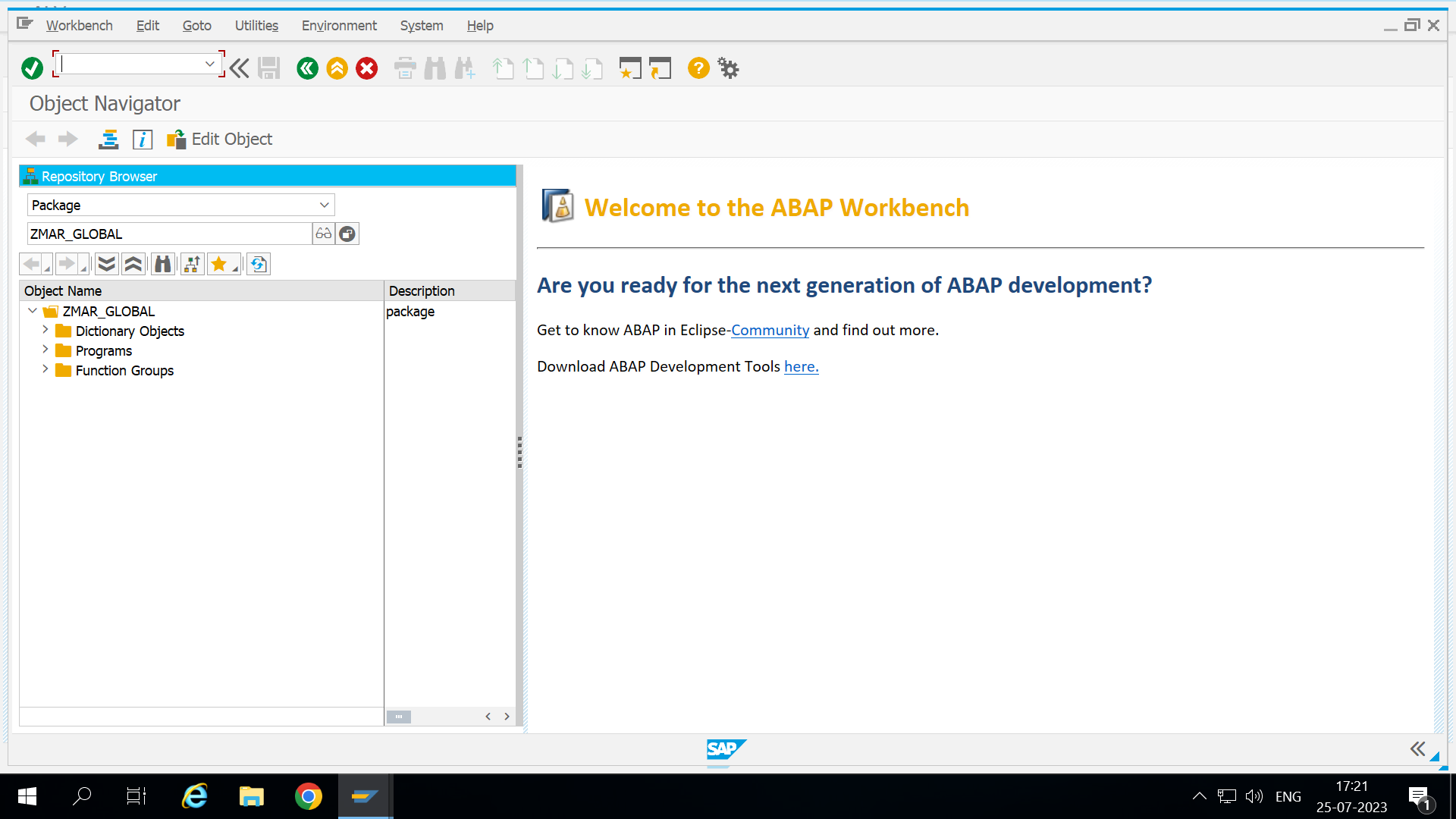
REPORT ZMAR\_ALV\_TASK1.  
*&1)Define data objects to store header and item data as per requirement.*  
DATA: it\_vbrk TYPE STANDARD TABLE OF zvbrk\_ma,  
 it\_vbrp TYPE STANDARD TABLE OF zvbrp\_ma.  
  
DATA : v\_vbeln TYPE zvbrk\_ma-vbeln.  
  
DATA : lt\_fcat TYPE SLIS\_T\_FIELDCAT\_ALV,  
 lw\_fcat LIKE LINE OF lt\_fcat.

*2)provide option for user I/p screen*  
  
SELECT-OPTIONS s\_vbeln FOR v\_vbeln.  
  
START-OF-SELECTION.

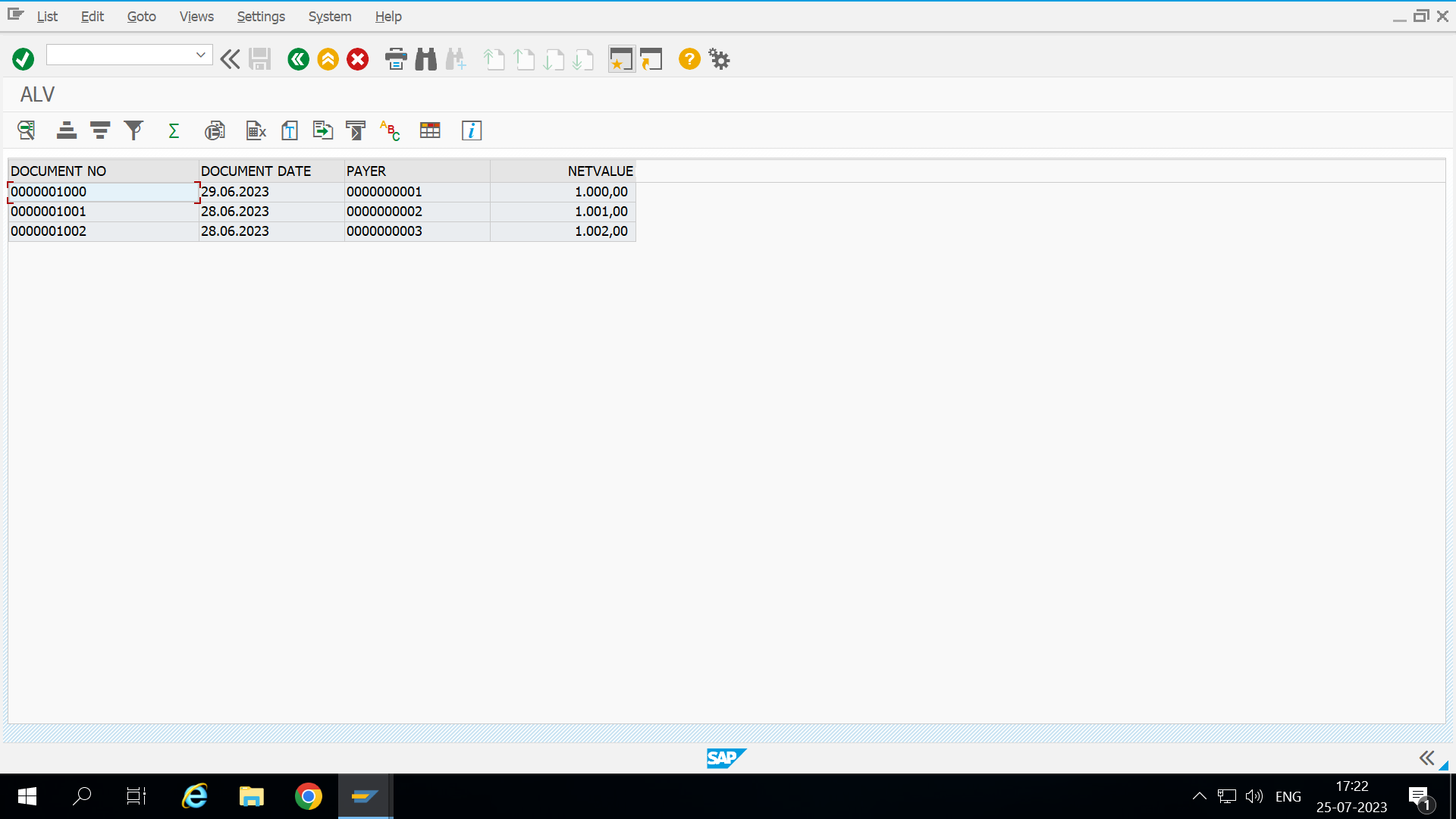
PERFORM get\_data.  
  
END-OF-SELECTION.  
 PERFORM display.  
*\*&---------------------------------------------------------------------\**  
*\*& Form get\_data*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
FORM get\_data .  
SELECT \* FROM zvbrk\_ma INTO TABLE it\_vbrk WHERE vbeln IN s\_vbeln.  
ENDFORM.  
*\*&---------------------------------------------------------------------\**  
*\*& Form display*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
FORM display .  
  
 lw\_fcat-col\_pos = 1.  
 lw\_fcat-fieldname = 'VBELN'.  
 lw\_fcat-tabname = 'IT\_VBRK'.  
 lw\_fcat-seltext\_m = 'DOCUMENT NO'.  
 lw\_fcat-outputlen = 20.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-col\_pos = 2.  
 lw\_fcat-fieldname = 'FKDAT'.  
 lw\_fcat-tabname = 'IT\_VBRK'.  
 lw\_fcat-seltext\_m = 'DOCUMENT DATE'.  
 lw\_fcat-outputlen = 15.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-col\_pos = 3.  
 lw\_fcat-fieldname = 'KUNRG'.  
 lw\_fcat-tabname = 'IT\_VBRK'.  
 lw\_fcat-seltext\_m = 'PAYER'.  
 lw\_fcat-outputlen = 15.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-col\_pos = 4.  
 lw\_fcat-fieldname = 'NETWR'.  
 lw\_fcat-tabname = 'IT\_VBRK'.  
 lw\_fcat-seltext\_m = 'NETVALUE'.  
 lw\_fcat-outputlen = 15.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
 CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
 EXPORTING  
*\* I\_INTERFACE\_CHECK = ' '*  
*\* I\_BYPASSING\_BUFFER = ' '*  
*\* I\_BUFFER\_ACTIVE = ' '*  
 I\_CALLBACK\_PROGRAM = 'ZMAR\_ALV\_TASK1 '  
 i\_callback\_user\_command = 'USER\_COMMAND'  
*\* I\_CALLBACK\_PF\_STATUS\_SET = ' '*  
*\* I\_CALLBACK\_USER\_COMMAND = ' '*  
*\* I\_CALLBACK\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_END\_OF\_LIST = ' '*  
*\* I\_STRUCTURE\_NAME =*  
*\* I\_BACKGROUND\_ID = ' '*  
*\* I\_GRID\_TITLE =*  
*\* I\_GRID\_SETTINGS =*  
*\* IS\_LAYOUT =*  
*\* IT\_HOTSPOT = 'X'*  
 IT\_FIELDCAT = LT\_FCAT  
*\* IT\_EXCLUDING =*  
*\* IT\_SPECIAL\_GROUPS =*  
*\* IT\_SORT =*  
*\* IT\_FILTER =*  
*\* IS\_SEL\_HIDE =*  
*\* I\_DEFAULT = 'X'*  
*\* I\_SAVE = ' '*  
*\* IS\_VARIANT =*  
*\* IT\_EVENTS =*  
*\* IT\_EVENT\_EXIT =*  
*\* IS\_PRINT =*  
*\* IS\_REPREP\_ID =*  
*\* I\_SCREEN\_START\_COLUMN = 0*  
*\* I\_SCREEN\_START\_LINE = 0*  
*\* I\_SCREEN\_END\_COLUMN = 0*  
*\* I\_SCREEN\_END\_LINE = 0*  
*\* I\_HTML\_HEIGHT\_TOP = 0*  
*\* I\_HTML\_HEIGHT\_END = 0*  
*\* IT\_ALV\_GRAPHICS =*  
*\* IT\_HYPERLINK =*  
*\* IT\_ADD\_FIELDCAT =*  
*\* IT\_EXCEPT\_QINFO =*  
*\* IR\_SALV\_FULLSCREEN\_ADAPTER =*  
*\* O\_PREVIOUS\_SRAL\_HANDLER =*  
*\* IMPORTING*  
*\* E\_EXIT\_CAUSED\_BY\_CALLER =*  
*\* ES\_EXIT\_CAUSED\_BY\_USER =*  
 TABLES  
 t\_outtab = IT\_VBRK  
 EXCEPTIONS  
 PROGRAM\_ERROR = 1  
 OTHERS = 2  
 .  
 IF sy-subrc <> 0.  
*\* Implement suitable error handling here*  
 ENDIF.  
  
  
  
ENDFORM.  
FORM user\_command USING r\_ucomm LIKE sy-ucomm  
  
rs\_selfield TYPE slis\_selfield.  
  
*3)double click on document number show icon item details in alv.*  
IF r\_ucomm EQ '&IC1' AND rs\_selfield-fieldname EQ 'MATNR'.  
  
 SET PARAMETER ID 'MAT' FIELD rs\_selfield-value.  
 CALL TRANSACTION 'MM03'.  
 ENDIF.

*4)double click on payer to go to xd03 and skip screen.*  
  
IF r\_ucomm EQ '&IC1' AND rs\_selfield-fieldname EQ 'KUNRG'.  
  
 SET PARAMETER ID 'KUN' FIELD rs\_selfield-value.  
 CALL TRANSACTION 'XD03' AND SKIP FIRST SCREEN.  
ENDIF.  
  
  
IF r\_ucomm EQ '&IC1' AND rs\_selfield-fieldname EQ 'VBELN'.  
 SELECT \* FROM zvbrp\_ma INTO TABLE it\_vbrp WHERE vbeln = rs\_selfield-value.  
  
 CLEAR lt\_fcat.  
 lw\_fcat-col\_pos = 1.  
 lw\_fcat-fieldname = 'POSNR'.  
 lw\_fcat-tabname = 'IT\_VBRP'.  
 lw\_fcat-seltext\_m = 'Billing item'.  
 lw\_fcat-outputlen = 15.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-col\_pos = 2.  
 lw\_fcat-fieldname = 'MATNR'.  
 lw\_fcat-tabname = 'IT\_VBRP'.  
 lw\_fcat-seltext\_m = 'Material number'.  
 lw\_fcat-outputlen = 20.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
  
  
 lw\_fcat-col\_pos = 3.  
 lw\_fcat-fieldname = 'FKLMG'.  
 lw\_fcat-tabname = 'IT\_VBRP'.  
 lw\_fcat-seltext\_m = 'Quantity'.  
 lw\_fcat-outputlen = 30.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
  
  
 lw\_fcat-col\_pos = 4.  
 lw\_fcat-fieldname = 'VRKME'.  
 lw\_fcat-tabname = 'IT\_VBRP'.  
 lw\_fcat-seltext\_m = 'Unit'.  
 lw\_fcat-outputlen = 35.  
 APPEND lw\_fcat TO lt\_fcat.  
 lw\_fcat-col\_pos = 4.  
 CLEAR lw\_fcat.  
  
 lw\_fcat-fieldname = 'NETWR'.  
 lw\_fcat-tabname = 'IT\_VBRP'.  
 lw\_fcat-seltext\_m = 'Net VAlue'.  
 lw\_fcat-outputlen = 20.  
 APPEND lw\_fcat TO lt\_fcat.  
 CLEAR lw\_fcat.  
  
  
  
 CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
 EXPORTING  
*\* I\_INTERFACE\_CHECK = ' '*  
*\* I\_BYPASSING\_BUFFER = ' '*  
*\* I\_BUFFER\_ACTIVE = ' '*  
 i\_callback\_program = 'ZMAR\_ALV\_TASK1'  
 i\_callback\_pf\_status\_set = 'PF\_STATUS'  
 i\_callback\_user\_command = 'USER\_COMMAND'  
*\* I\_CALLBACK\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_TOP\_OF\_PAGE = ' '*  
*\* I\_CALLBACK\_HTML\_END\_OF\_LIST = ' '*  
*\* I\_STRUCTURE\_NAME =*  
*\* I\_BACKGROUND\_ID = ' '*  
*\* I\_GRID\_TITLE =*  
*\* I\_GRID\_SETTINGS =*  
*\* IS\_LAYOUT =*  
 IT\_FIELDCAT = lt\_fcat  
*\* IT\_EXCLUDING =*  
*\* IT\_SPECIAL\_GROUPS =*  
*\* IT\_SORT =*  
*\* IT\_FILTER =*  
*\* IS\_SEL\_HIDE =*  
*\* I\_DEFAULT = 'X'*  
*\* I\_SAVE = ' '*  
*\* IS\_VARIANT =*  
*\* IT\_EVENTS =*  
*\* IT\_EVENT\_EXIT =*  
*\* IS\_PRINT =*  
*\* IS\_REPREP\_ID =*  
*\* I\_SCREEN\_START\_COLUMN = 0*  
*\* I\_SCREEN\_START\_LINE = 0*  
*\* I\_SCREEN\_END\_COLUMN = 0*  
*\* I\_SCREEN\_END\_LINE = 0*  
*\* I\_HTML\_HEIGHT\_TOP = 0*  
*\* I\_HTML\_HEIGHT\_END = 0*  
*\* IT\_ALV\_GRAPHICS =*  
*\* IT\_HYPERLINK =*  
*\* IT\_ADD\_FIELDCAT =*  
*\* IT\_EXCEPT\_QINFO =*  
*\* IR\_SALV\_FULLSCREEN\_ADAPTER =*  
*\* O\_PREVIOUS\_SRAL\_HANDLER =*  
*\* IMPORTING*  
*\* E\_EXIT\_CAUSED\_BY\_CALLER =*  
*\* ES\_EXIT\_CAUSED\_BY\_USER =*  
 TABLES  
 t\_outtab = it\_vbrp  
 EXCEPTIONS  
 PROGRAM\_ERROR = 1  
 OTHERS = 2  
 .  
 IF sy-subrc <> 0.  
*\* Implement suitable error handling here*  
 ENDIF.  
  
  
  
 ENDIF.  
  
  
  
ENDFORM.

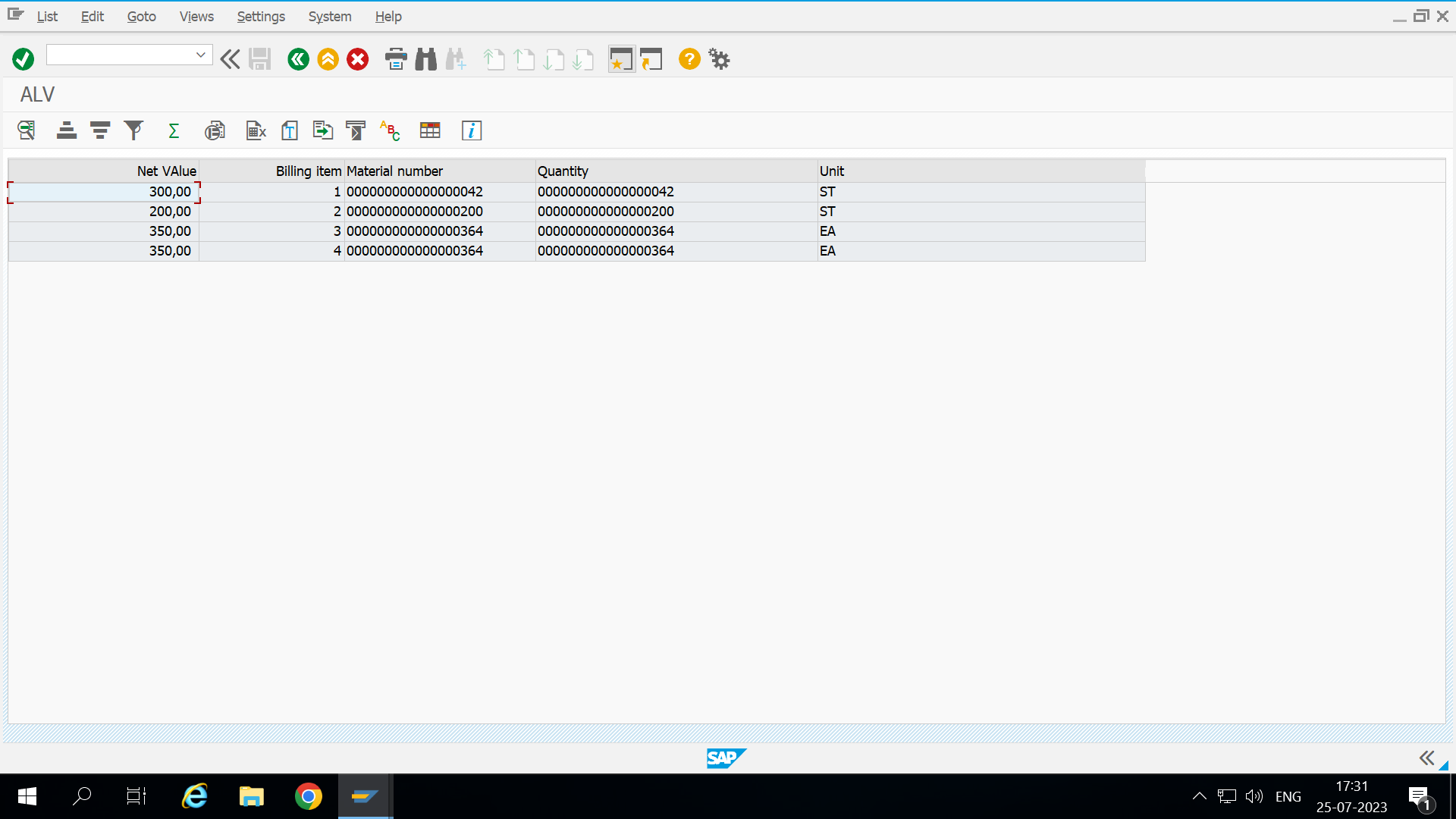
Package:zmar\_global.



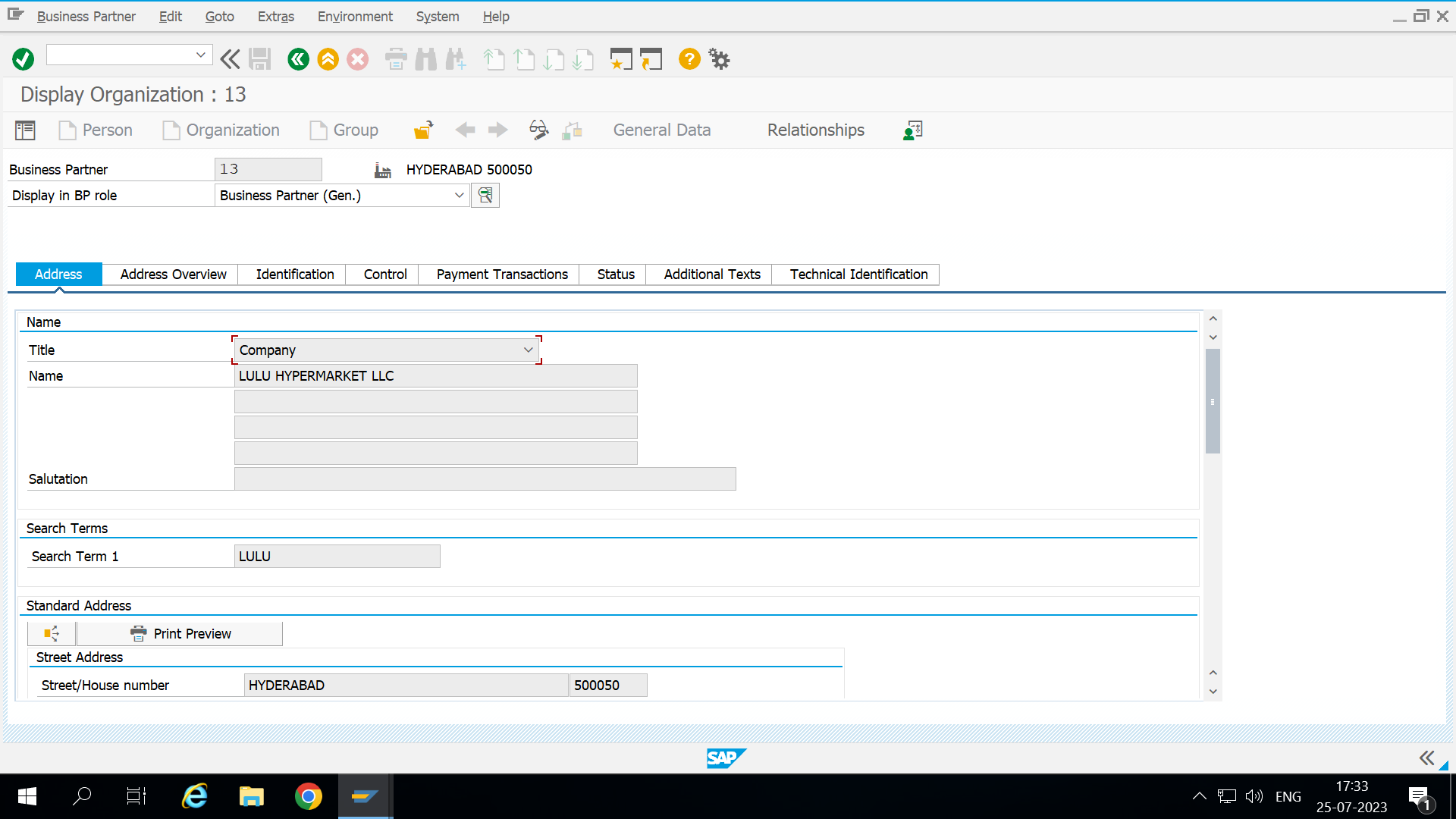
Output:



1. On selecting document number it will show item details.



1. On clicking on payer it will skip the first screen.



1. On double clicking on material number the output :

