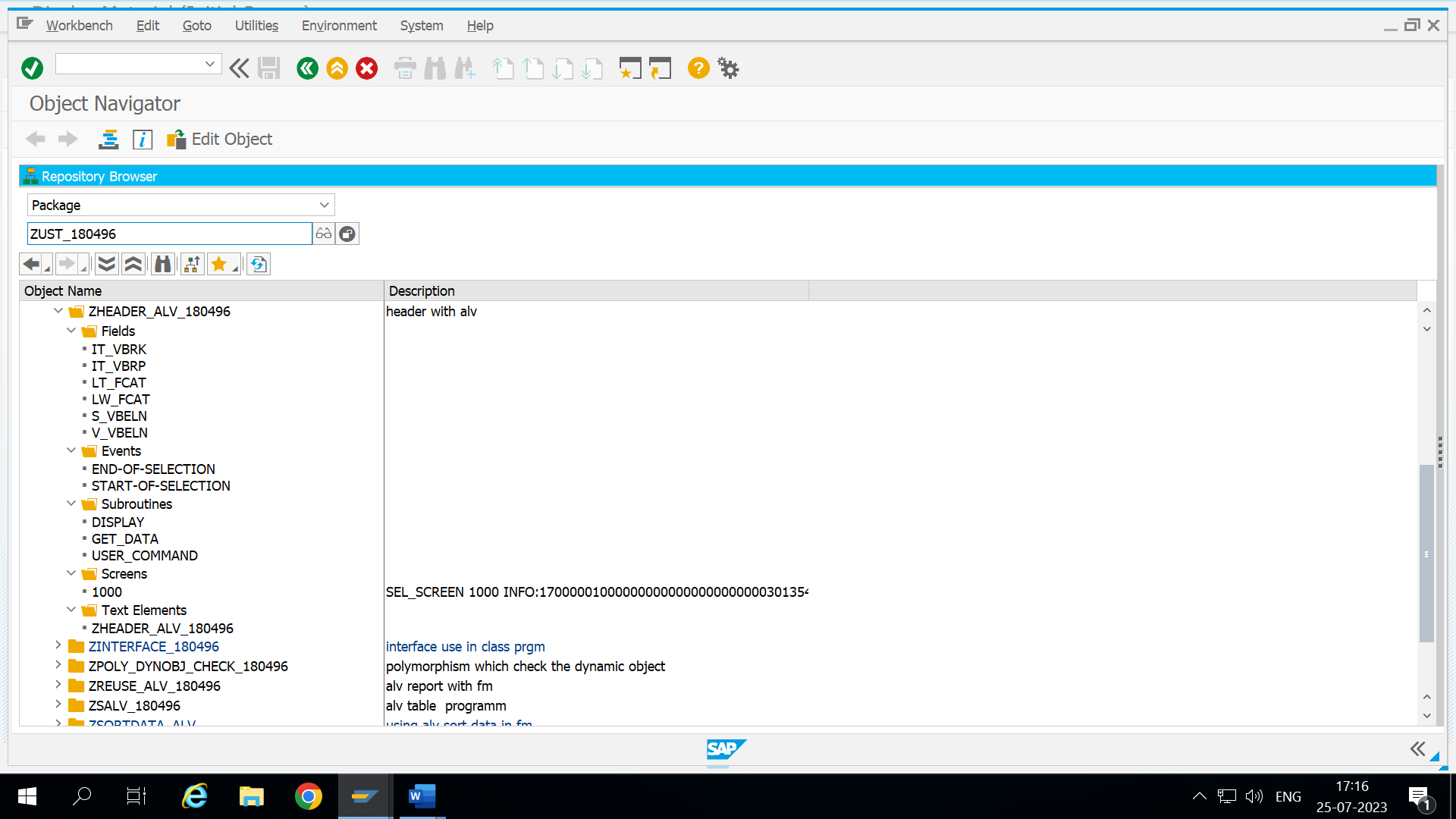
Question :

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

**Package (zust\_180496)**



**SE38 - ZHEADER\_180496 (code snippet)**

\*&---------------------------------------------------------------------\*  
\*& Report ZHEADER\_ALV\_180496  
\*&---------------------------------------------------------------------\*  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZHEADER\_ALV\_180496.

"declaring header and item internal table  
DATA : it\_vbrk TYPE STANDARD TABLE OF zvbrk\_1,   
         it\_vbrp type STANDARD TABLE OF zvbrp\_1.  
  
  
"internal table and work area for fieldcat display  
  data: lt\_fcat TYPE slis\_t\_fieldcat\_alv,  
         lw\_fcat LIKE LINE OF lt\_fcat.

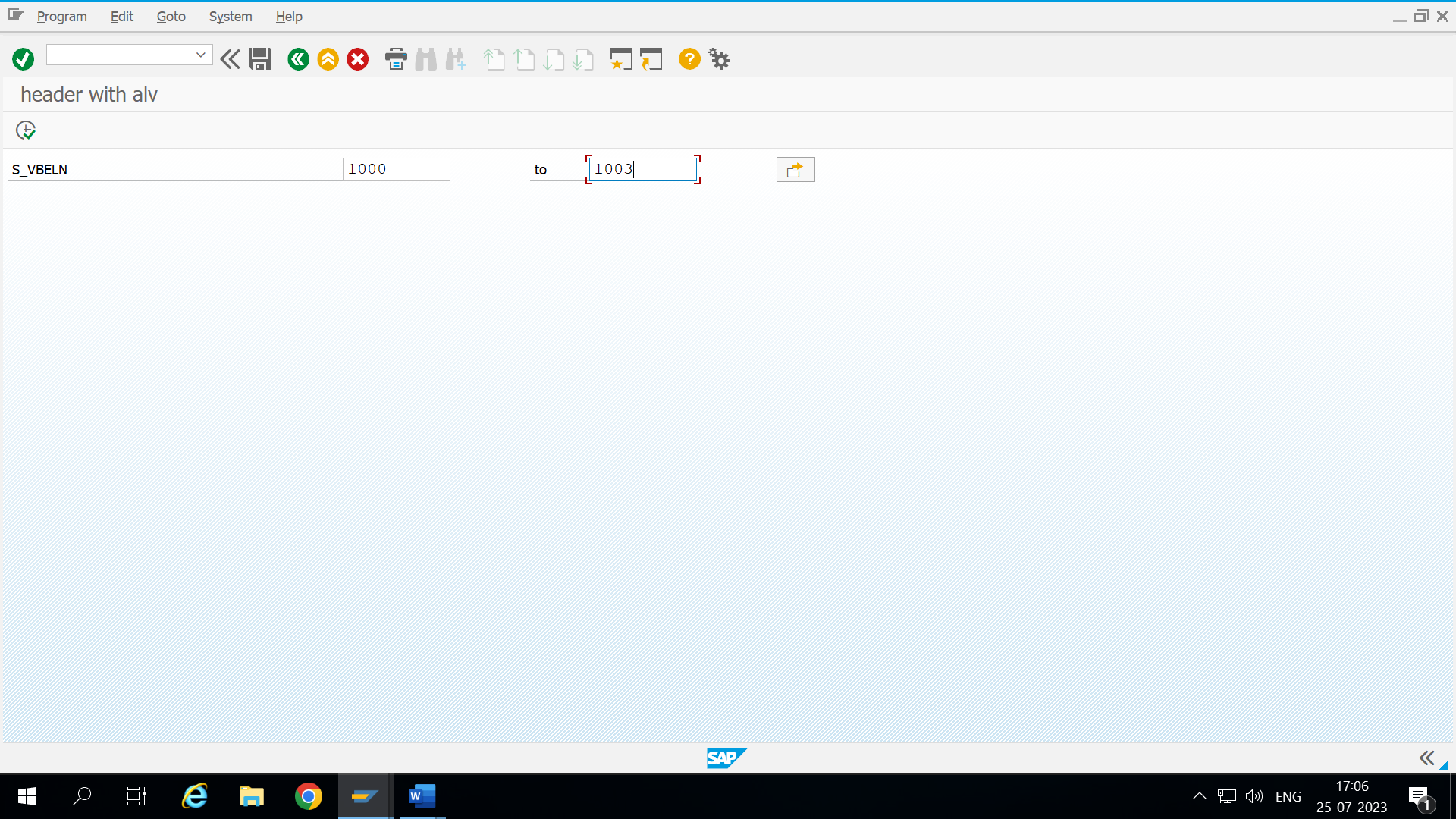
"declaring select options  
DATA v\_vbeln TYPE vbeln.  
SELECT-OPTIONS s\_vbeln FOR v\_vbeln.

" start execute the program from next line of start-of-selection  
START-OF-SELECTION.

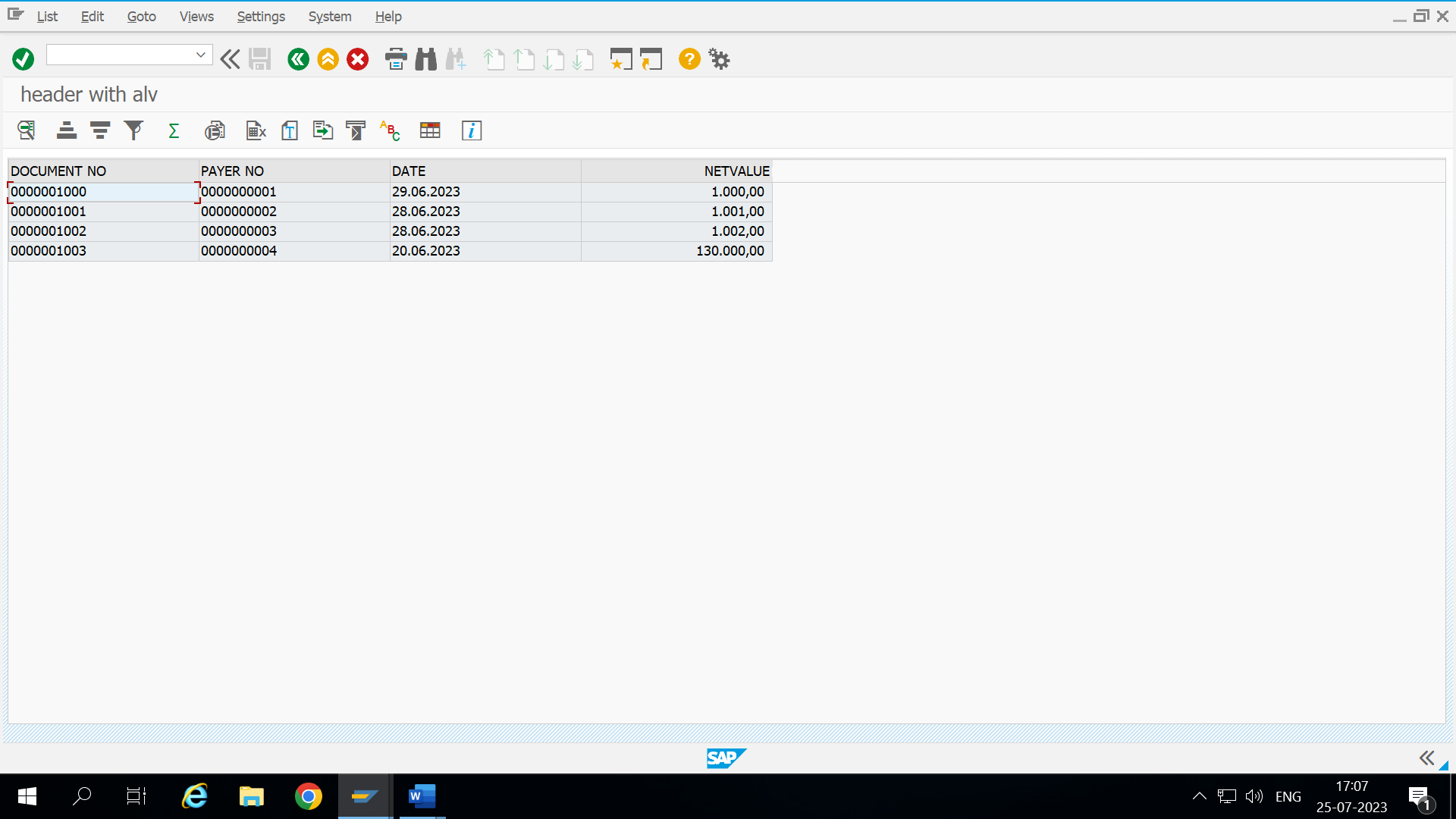
"calling subroutine for getting header data  
  PERFORM get\_data.   
  
"output part  
END-OF-SELECTION.  
  PERFORM display. "calling subroutine for display  
  
\*&---------------------------------------------------------------------\*  
\*& Form get\_data  
\*&---------------------------------------------------------------------\*  
\*& text  
\*&---------------------------------------------------------------------\*  
\*& -->  p1        text  
\*& <--  p2        text  
\*&---------------------------------------------------------------------\*  
"subroutine  
FORM get\_data .  
"copying data from header table to internal table  
  select \* from zvbrk\_1 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-hotspot = 'X'.  
  lw\_fcat-outputlen = 20.  
  APPEND lw\_fcat TO lt\_fcat.  
  CLEAR LW\_FCAT.  
  
  lw\_fcat-col\_pos = 2.  
  lw\_fcat-fieldname = 'KUNRG'.  
  lw\_fcat-tabname = 'IT\_VBRK'.  
  lw\_fcat-seltext\_m = 'PAYER NO'.  
  lw\_fcat-outputlen = 20.  
  APPEND lw\_fcat TO lt\_fcat.  
  CLEAR LW\_FCAT.  
  
  lw\_fcat-col\_pos = 3.  
  lw\_fcat-fieldname = 'FKDAT'.  
  lw\_fcat-tabname = 'IT\_VBRK'.  
  lw\_fcat-seltext\_m = 'DATE'.  
  lw\_fcat-outputlen = 20.  
  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 = 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                = 'ZHEADER\_ALV\_180496'  
\*     I\_CALLBACK\_PF\_STATUS\_SET          = ' '  
     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\_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.  
  
  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\_1 into table it\_vbrp where vbeln eq rs\_selfield-value.  
  
CLEAR LT\_FCAT.  
  lw\_fcat-col\_pos = 1.  
  lw\_fcat-fieldname = 'POSNR'.  
  lw\_fcat-tabname = 'IT\_VBRP'.  
  lw\_fcat-seltext\_m = 'ITEM'.  
  lw\_fcat-outputlen = 20.  
  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 NO'.  
  lw\_fcat-outputlen = 20.  
  APPEND lw\_fcat TO lt\_fcat.  
   CLEAR LW\_FCAT.  
  
  lw\_fcat-col\_pos = 3.  
  lw\_fcat-fieldname = 'FKIMG'.  
  lw\_fcat-tabname = 'IT\_VBRP'.  
  lw\_fcat-seltext\_m = 'QUAN'.  
  lw\_fcat-outputlen = 20.  
  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 = 'UOM'.  
  lw\_fcat-outputlen = 20.  
  APPEND lw\_fcat TO lt\_fcat.  
   CLEAR LW\_FCAT.  
  
  lw\_fcat-col\_pos = 5.  
  lw\_fcat-fieldname = 'NETWR'.  
  lw\_fcat-tabname = 'IT\_VBRP'.  
  lw\_fcat-seltext\_m = 'NETVALUE'.  
  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                = 'ZHEADER\_ALV\_180496'  
\*     I\_CALLBACK\_PF\_STATUS\_SET          = ' '  
     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.  
  
 IF r\_ucomm EQ '&IC1' AND rs\_selfield-fieldname EQ 'MATNR'.  
    SET PARAMETER ID 'MAT' FIELD rs\_selfield-value.  
    CALL TRANSACTION 'MM03'.  
  ENDIF.  
  
ENDFORM.

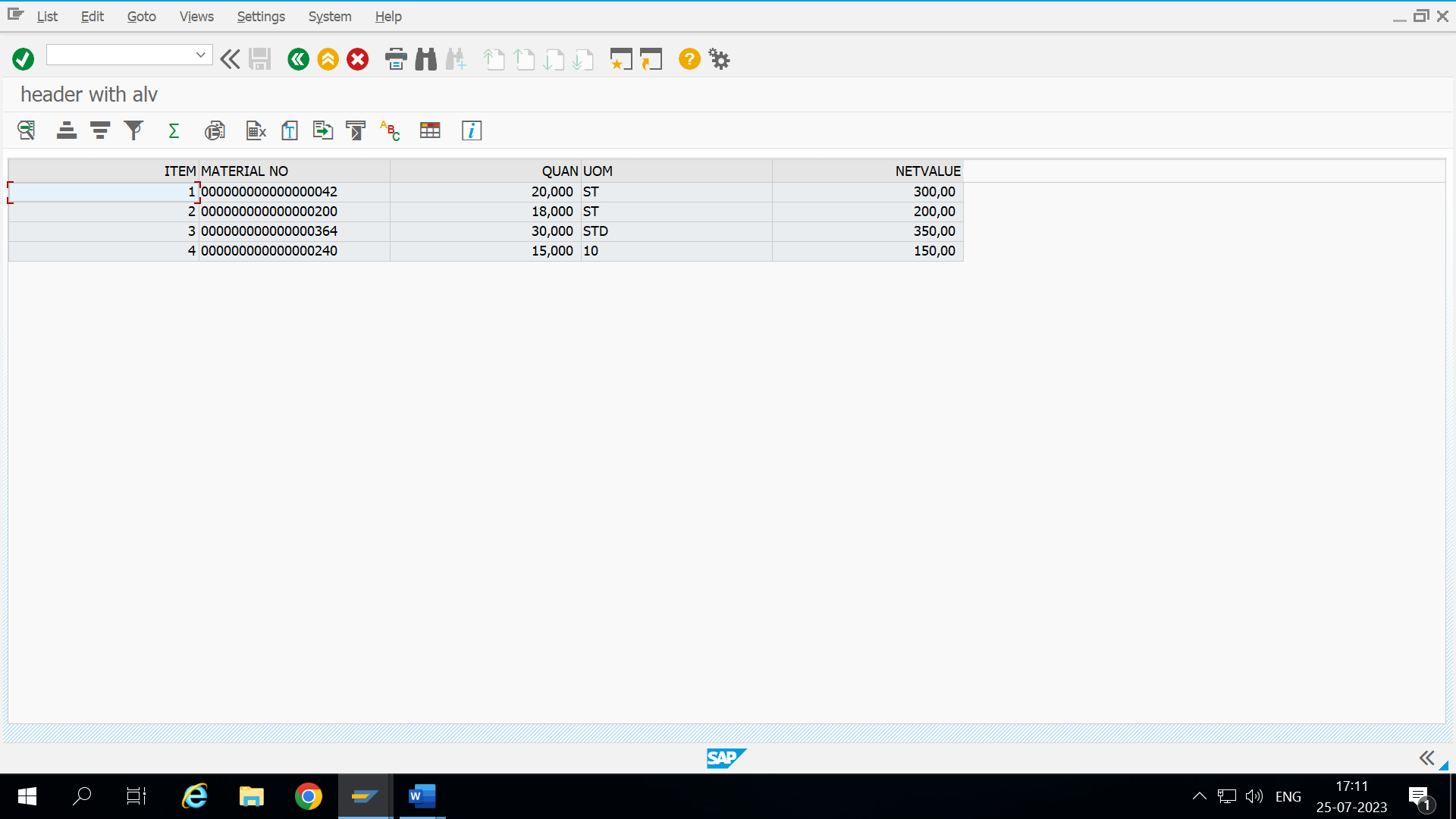
**selection screen (from 1000 to 1003)**



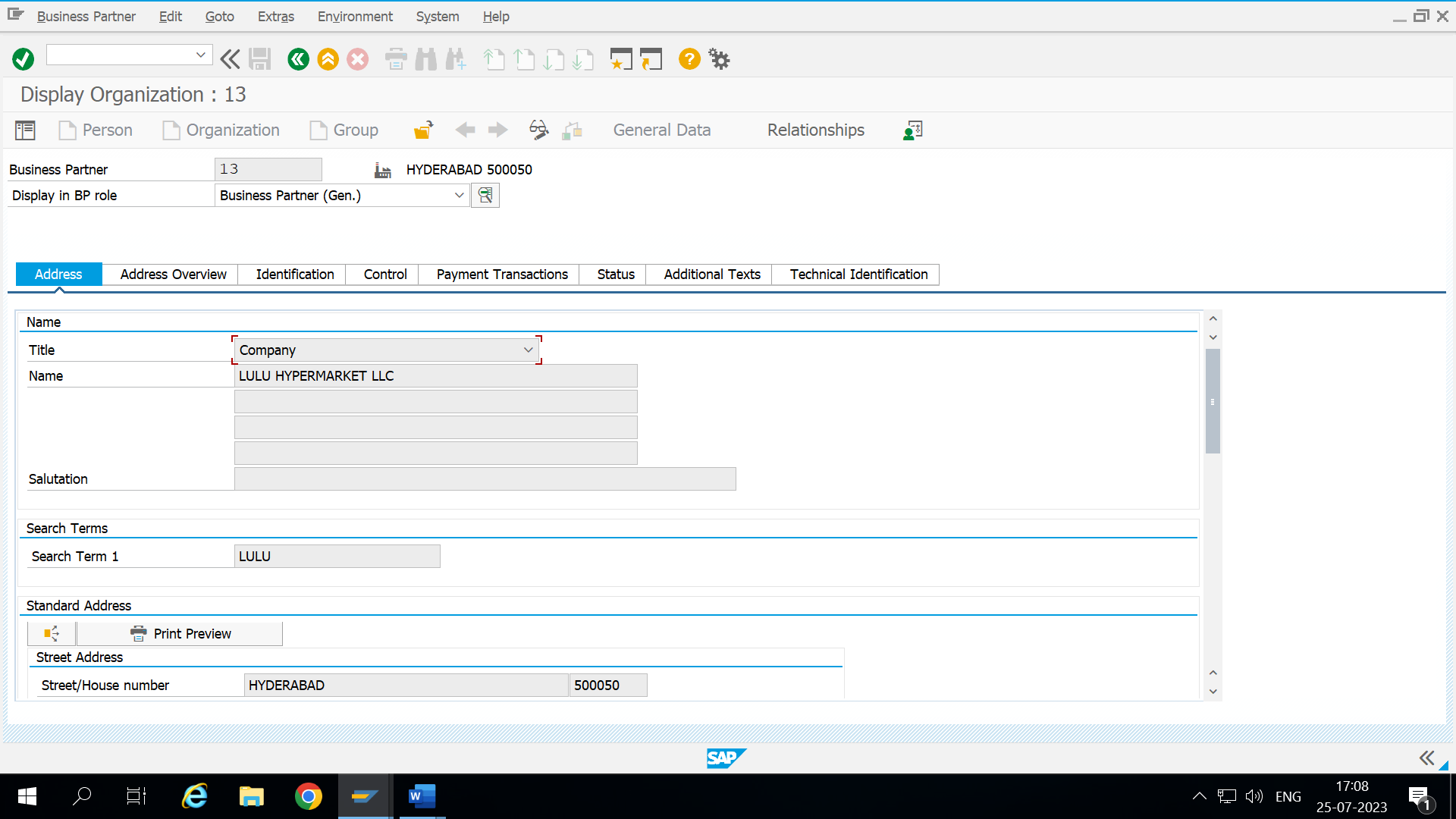
**Header Table Data**



**Double click on Document No. (1000) in header table display item table data**



**Double click on Payer no( 1 ) in header table display payer details**



**Double click on material no.( 42 ) in item table display material details**

