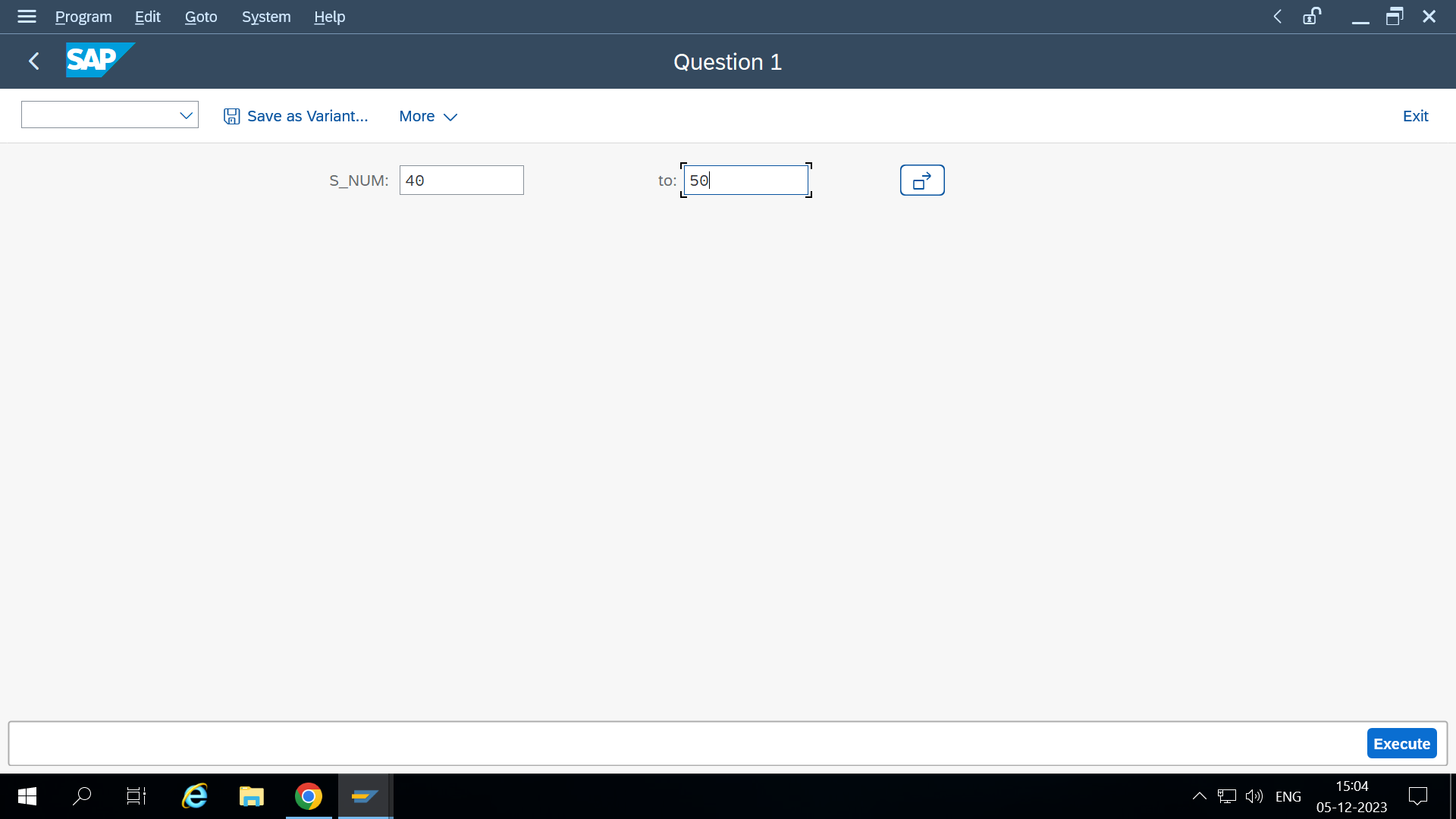
Question 1

Create a drill down report using ALV to print Sales order data. On the initial output  
screen print the header data of the sales order and on double clicking on the sales  
order number, display the item data for the selected sales order. You can pick any 5  
to 6 fields to display the data from VBAK and VBAP Tables.

CODE

*\*&---------------------------------------------------------------------\**  
*\*& Report ZAKHILA\_EXAM\_Q1*  
*\*&---------------------------------------------------------------------\**  
*\*&*  
*\*&---------------------------------------------------------------------\**  
REPORT ZAKHILA\_EXAM\_Q1.  
  
  
data : it\_vbap type zakhila\_t\_vbap,  
 wa\_vbap like LINE OF it\_vbap,  
 it\_vbak TYPE zakhila\_t\_vbak,  
 wa\_vbak LIKE LINE OF it\_vbak,  
 IT\_FCAT TYPE SLIS\_T\_FIELDCAT\_ALV.  
  
select-OPTIONS s\_num for wa\_vbap-vbeln.  
START-OF-SELECTION.  
  
PERFORM header.  
END-OF-SELECTION.  
PERFORM DISPLAY.  
*\*&---------------------------------------------------------------------\**  
*\*& Form header*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
FORM header .  
SELECT vbeln audat netwr kunnr vbtyp from vbak into TABLE it\_vbak WHERE vbeln in s\_num.  
  
ENDFORM.  
*\*&---------------------------------------------------------------------\**  
*\*& Form DISPLAY*  
*\*&---------------------------------------------------------------------\**  
*\*& text*  
*\*&---------------------------------------------------------------------\**  
*\*& --> p1 text*  
*\*& <-- p2 text*  
*\*&---------------------------------------------------------------------\**  
FORM display .  
 CLEAR IT\_FCAT.  
 DATA: WA\_FCAT LIKE LINE OF IT\_FCAT.  
  
 wa\_fcat-col\_pos = 1.  
 wa\_fcat-fieldname = 'VBELN'.  
 wa\_fcat-tabname = 'IT\_VBAK'.  
 wa\_fcat-seltext\_m = 'Doc No.'.  
 APPEND WA\_FCAT TO IT\_FCAT.  
  
 wa\_fcat-col\_pos = 2.  
 wa\_fcat-fieldname = 'AUDAT'.  
 wa\_fcat-tabname = 'IT\_VBAK'.  
 wa\_fcat-seltext\_m = 'DATE.'.  
 APPEND WA\_FCAT TO IT\_FCAT.  
  
 wa\_fcat-col\_pos = 3.  
 wa\_fcat-fieldname = 'NETWR'.  
 wa\_fcat-tabname = 'IT\_VBAK'.  
 wa\_fcat-seltext\_m = 'NET VALUE.'.  
 APPEND WA\_FCAT TO IT\_FCAT.  
  
 wa\_fcat-col\_pos = 4.  
 wa\_fcat-fieldname = 'KUNNR'.  
 wa\_fcat-tabname = 'IT\_VBAK'.  
 wa\_fcat-seltext\_m = 'SOLD TO PARTY.'.  
 APPEND WA\_FCAT TO IT\_FCAT.  
  
 wa\_fcat-col\_pos = 5.  
 wa\_fcat-fieldname = 'VBTYP'.  
 wa\_fcat-tabname = 'IT\_VBAK'.  
 wa\_fcat-seltext\_m = 'CATEGORY.'.  
 APPEND WA\_FCAT TO IT\_FCAT.  
  
 CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
 EXPORTING  
*\* I\_INTERFACE\_CHECK = ' '*  
*\* I\_BYPASSING\_BUFFER = ' '*  
*\* I\_BUFFER\_ACTIVE = ' '*  
 I\_CALLBACK\_PROGRAM = 'ZAKHILA\_EXAM\_Q1'  
*\* 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 = IT\_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\_VBAK  
*\* 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 = '&IC1' and rs\_selfield-fieldname = 'VBELN'.  
CLEAR IT\_VBAP.  
SELECT VBELN POSNR PSTYV ARKTX KWMENG ZIEME FROM VBAP INTO TABLE IT\_VBAP WHERE VBELN EQ rs\_selfield-VALUE.  
CLEAR IT\_FCAT.  
  
DATA :WA\_FCAT LIKE LINE OF IT\_FCAT.  
  
 wa\_fcat-col\_pos = 1.  
 wa\_fcat-fieldname = 'VBELN'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'DOC NO.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 wa\_fcat-col\_pos = 2.  
 wa\_fcat-fieldname = 'POSNR'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'ITEM.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 wa\_fcat-col\_pos = 3.  
 wa\_fcat-fieldname = 'PSTYV'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'ITEM CATEGORY.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 wa\_fcat-col\_pos = 4.  
 wa\_fcat-fieldname = 'ARKTX'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'ORDER.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 wa\_fcat-col\_pos = 5.  
 wa\_fcat-fieldname = 'KWMENG'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'QTY.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 wa\_fcat-col\_pos = 1.  
 wa\_fcat-fieldname = 'ZIEME'.  
 wa\_fcat-tabname = 'IT\_VBAP'.  
 wa\_fcat-seltext\_m = 'TARGET.'.  
 APPEND wa\_fcat TO it\_fcat.  
  
 CALL FUNCTION 'REUSE\_ALV\_GRID\_DISPLAY'  
 EXPORTING  
*\* I\_INTERFACE\_CHECK = ' '*  
*\* I\_BYPASSING\_BUFFER = ' '*  
*\* I\_BUFFER\_ACTIVE = ' '*  
*\* I\_CALLBACK\_PROGRAM = ' '*  
*\* 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\_FIELDCAT = IT\_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\_VBAP  
*\* EXCEPTIONS*  
*\* PROGRAM\_ERROR = 1*  
*\* OTHERS = 2*  
 .  
 IF sy-subrc <> 0.  
*\* Implement suitable error handling here*  
 ENDIF.  
  
  
  
  
  
ENDIF.  
ENDFORM.

OUTPUT



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated