

Requirement: Create a program to display sales data using local class.

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*& Report ZPROG03_LOCAL_CLASS01

&-----

REPORT zprog03_local_class01.

DATA: lv_erdat TYPE erdat,
 lv_erzet TYPE erzet,
 lv_ernam TYPE ernam,
 lv_vbtyp TYPE vbtyp.

PARAMETERS: p_vbeln TYPE vbeln_va.

&-----

*& CLASS DECLARATION

&-----

CLASS class1 DEFINITION.

PUBLIC SECTION.

CLASS-METHODS display

" Static method to declare a class

* METHODS display

"Instance method to declare a class

IMPORTING p_vbeln TYPE vbeln_va

EXPORTING perdat TYPE erdat

perzet TYPE erzet

pernam TYPE ernam

p_vbtyp TYPE vbtyp

EXCEPTIONS wrong_input .

ENDCLASS.

&-----

*& CLASS IMPLEMENTATION

&-----

CLASS class1 IMPLEMENTATION.

METHOD display.

SELECT SINGLE erdat erzet ernam vbtyp

FROM vbak

INTO (perdat, perzet, pernam, p_vbtyp)

WHERE vbeln = p_vbeln .

IF sy-subrc <> 0.

RAISE wrong_input.

ENDIF.

ENDMETHOD.

ENDCLASS.

START-OF-SELECTION.

&-----

*& Static method to display class

&-----

class1=>display(EXPORTING p_vbeln = p_vbeln

```

        IMPORTING perdat = lv_erdat
            perzet = lv_erzet
            pernam = lv_ernam
            pvbtyp = lv_vbtyp
        EXCEPTIONS wrong_input = 1    ).

*&-----*
*& INSTANCE METHOD TO DISPLAY CLASS
*&-----*
* DATA: lo_object TYPE REF TO class1.
* CREATE OBJECT lo_object.
* lo_object->display(      EXPORTING pvbeln = p_vbeln
*      IMPORTING perdat = lv_erdat
*      perzet = lv_erzet
*      pernam = lv_ernam
*      pvbtyp = lv_vbtyp
*      EXCEPTIONS wrong_input = 1    ).
*&-----*
*& Write/display output
*&-----*
IF sy-subrc = 0.
    write: / lv_erdat,
           / lv_erzet,
           / lv_ernam,
           / lv_vbtyp.
ELSE.
    MESSAGE e000(zmsg01).

ENDIF.

```

Save, check and activate program.

OUTPUT

Step 1: Execute Program and give input

Program to create local class and implemetation



Sales Document

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