**LIT TRAINING**

**Batch Name : SAP ABAP ON HANA** **DAY 10 ASSIGNMENT**

**EMPLOYEE ID – 46255245**

**Assignment 3 – Business Add in (BADI)-Single Use**

**Hint:**

1. **SE18 should be used to define a BADI**
2. **SE19 should be used to implement the BADI Definition.**

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BADI IMPLEMENTATION USING SE19:-

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DRIVER PROGRAM:-

\*&---------------------------------------------------------------------\*  
\*& Report ZBADI\_DEMO\_245  
\*&---------------------------------------------------------------------\*  
\* Description:                                                         \*  
\*                                                                      \*  
\* Author:                                                              \*  
\*                                                                      \*  
\* Create date:                                                         \*  
\*                                                                      \*  
\*&---------------------------------------------------------------------\*  
\* Modification log:                                                    \*  
\* -------------------------------------------------------------------- \*  
\* Date        User name      ID       Change Request   Case ref.       \*  
\*             Description                                              \*  
\*&---------------------------------------------------------------------\*  
REPORT ZBADI\_DEMO\_245.  
  
data: obj type ref to ZIF\_EX\_BADI\_DEMO\_245.  
  
parameters: p\_num1 type i,  
            p\_num2 type i.  
  
data: result type i.  
  
CALL METHOD cl\_exithandler=>get\_instance  
  EXPORTING  
    exit\_name                     = 'ZBADI\_DEMO\_245'  
\*    null\_instance\_accepted        = SEEX\_FALSE  
\*  IMPORTING  
\*    act\_imp\_existing              =  
  CHANGING  
    instance                      = obj  
\*  EXCEPTIONS  
\*    no\_reference                  = 1  
\*    no\_interface\_reference        = 2  
\*    no\_exit\_interface             = 3  
\*    class\_not\_implement\_interface = 4  
\*    single\_exit\_multiply\_active   = 5  
\*    cast\_error                    = 6  
\*    exit\_not\_existing             = 7  
\*    data\_incons\_in\_exit\_managem   = 8  
\*    others                        = 9  
        .  
IF sy-subrc <> 0.  
\* Implement suitable error handling here  
ENDIF.  
  
CALL METHOD obj->divide\_numbers  
  EXPORTING  
    i\_num1           = p\_num1  
    i\_num2           = p\_num2  
\*  EXCEPTIONS  
\*    cx\_sy\_zerodivide = 1  
\*    others           = 2  
        .  
IF sy-subrc <> 0.  
\* Implement suitable error handling here  
ENDIF.  
  
OUTPUT:-

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**Assignment 4 – Business Add in (BADI)-Multiple Use**

**Hint:**

1. **SE18 should be used to define a BADI**
2. **SE19 should be used to implement the BADI Definition.**

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Graphical user interface, text, application, Word

Description automatically generated

CODE:

\*&---------------------------------------------------------------------\*  
\*& Report ZBADI\_MULTI\_245  
\*&---------------------------------------------------------------------\*  
\* Description:                                                         \*  
\*                                                                      \*  
\* Author:                                                              \*  
\*                                                                      \*  
\* Create date:                                                         \*  
\*                                                                      \*  
\*&---------------------------------------------------------------------\*  
\* Modification log:                                                    \*  
\* -------------------------------------------------------------------- \*  
\* Date        User name      ID       Change Request   Case ref.       \*  
\*             Description                                              \*  
\*&---------------------------------------------------------------------\*  
REPORT ZBADI\_MULTI\_245.  
  
data: obj type ref to ZIF\_EX\_BADI\_MULTI\_245.  
  
PARAMETERS: P\_CARR TYPE S\_CARR\_ID,  
            P\_CONN TYPE S\_CONN\_ID.  
  
DATA: URL TYPE S\_CARRURL,  
      TAB TYPE Z468\_TT\_SCARR,  
      gs\_sflight TYPE line of Z468\_TT\_SCARR.  
  
CALL METHOD cl\_exithandler=>get\_instance  
  EXPORTING  
    exit\_name                     = 'ZBADI\_MULTI\_245'  
\*    null\_instance\_accepted        = SEEX\_FALSE  
\*  IMPORTING  
\*    act\_imp\_existing              =  
  CHANGING  
    instance                      = obj  
\*  EXCEPTIONS  
\*    no\_reference                  = 1  
\*    no\_interface\_reference        = 2  
\*    no\_exit\_interface             = 3  
\*    class\_not\_implement\_interface = 4  
\*    single\_exit\_multiply\_active   = 5  
\*    cast\_error                    = 6  
\*    exit\_not\_existing             = 7  
\*    data\_incons\_in\_exit\_managem   = 8  
\*    others                        = 9  
        .  
IF sy-subrc <> 0.  
\* Implement suitable error handling here  
ENDIF.  
  
CALL METHOD OBJ->get\_email  
  EXPORTING  
    s\_carr = P\_CARR  
    s\_conn = P\_CONN  
  CHANGING  
    s\_url  = URL  
    .  
  
  
\*TRY.  
CALL METHOD OBJ->get\_booking  
  EXPORTING  
    s\_carr = P\_CARR  
    s\_conn = P\_CONN  
  CHANGING  
    itab   = TAB  
    .  
\* CATCH cx\_iuuc\_entry\_not\_found .  
\*ENDTRY.  
  
WRITE: / 'Airline URL is' COLOR COL\_POSITIVE , url.  
 WRITE: 40 'Flight Details' COLOR COL\_POSITIVE.  
   WRITE: / 'CARRID',  
          10 'CONNID',  
          20 'FLDATE',  
          31 '      PRICE',  
          52 'CURRENCY',  
          63 'PLANETYPE',  
          75 'SEATSMAX'.  
   ULINE.  
 LOOP AT TAB INTO gs\_sflight.  
     WRITE : /  gs\_sflight-carrid LEFT-JUSTIFIED,  
                 10 gs\_sflight-connid,  
                 20 gs\_sflight-fldate,  
                 31 gs\_sflight-price,  
                 52 gs\_sflight-currency,  
                 63 gs\_sflight-planetype,  
                 75 gs\_sflight-seatsmax.  
   ENDLOOP.

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