**LIT TRAINING**

**NAME: UDI SARASWATHI BATCH : SAP ABAP HANA**

**EMP ID: 46255188 DAY 10 ASSIGNMENT**

**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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Description automatically generated**

**PROGRAM:**

\*&---------------------------------------------------------------------\*  
\*& Report Z5188BADI  
\*&---------------------------------------------------------------------\*  
\* Description:                                                         \*  
\*                                                                      \*  
\* Author:                                                              \*  
\*                                                                      \*  
\* Create date:                                                         \*  
\*                                                                      \*  
\*&---------------------------------------------------------------------\*  
\* Modification log:                                                    \*  
\* -------------------------------------------------------------------- \*  
\* Date        User name      ID       Change Request   Case ref.       \*  
\*             Description                                              \*  
\*&---------------------------------------------------------------------\*  
REPORT Z5188BADI.  
START-OF-SELECTION.  
  
CLASS CL\_EXITHANDLER DEFINITION LOAD.  
  
DATA: RES TYPE I.  
  
DATA OBJ TYPE REF TO ZIF\_EX\_BOOKING244.  
  
PARAMETERS : I\_N1 TYPE I,  
             I\_N2 TYPE I.  
  
CALL METHOD cl\_exithandler=>get\_instance  
  EXPORTING  
    exit\_name                     = 'ZBOOKING244'  
\*    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.  
\*  MESSAGE 'EXIT NOT FOUND' TYPE 'E'.  
\*ENDIF.  
  
TRY.  
CALL METHOD obj->divide\_numbers  
  EXPORTING  
    i\_num1 = I\_N1  
    i\_num2 = I\_N2  
    .  
 CATCH cx\_sy\_zerodivide .  
ENDTRY.

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**Graphical user interface, text, application, Word

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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.**

**Graphical user interface, application, Word

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**Graphical user interface, text, application, Word

Description automatically generated**

**Graphical user interface, text, application, email

Description automatically generated**

**Graphical user interface, text, application, email

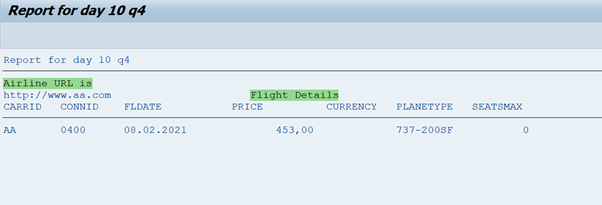
Description automatically generated**

**Graphical user interface, text, application

Description automatically generated**

**PROGRAM:**

DATA: VAR TYPE REF TO ZIF\_EX\_24\_BADI\_P3.  
   
PARAMETERS: p\_carr TYPE S\_CARR\_ID,  
 P\_flight TYPE S\_CONN\_ID.  
   
  
DATA : it\_flight TYPE Z468\_TT\_SCARR, *" declaring internal table of sflight*  
 *gs\_sflight* TYPE line of Z468\_TT\_SCARR,  
 url type s\_carrurl.  
 CL\_EXITHANDLER=>GET\_INSTANCE(  
 EXPORTING  
 EXIT\_NAME = 'Z24\_BADI\_P3' *" Business Add-In Definition*  
 *\* NULL\_INSTANCE\_ACCEPTED = " Is Null Instance OK if There Is no Active Implementation?*  
 *\* IMPORTING*  
 *\* ACT\_IMP\_EXISTING = " Returns an Active Implementation*  
CHANGING  
 INSTANCE = var *" Instance*  
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.  
 *\* MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO*  
 *\* WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.*  
ENDIF.  
   
\*TRY.  
 CALL METHOD var->get\_booking  
 EXPORTING  
 carrier\_name = P\_CARR  
 flight\_num = P\_FLIGHT  
 CHANGING  
 flight\_details = IT\_FLIGHT  
 .  
 *\* CATCH cx\_vbc\_not\_found .*  
 *\*ENDTRY.*  
  
  
*CALL* METHOD var->get\_email  
 EXPORTING  
 i\_carrid = P\_CARR  
 i\_connid = P\_FLIGHT  
 CHANGING  
 i\_url = URL  
 .  
   
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 it\_flight 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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