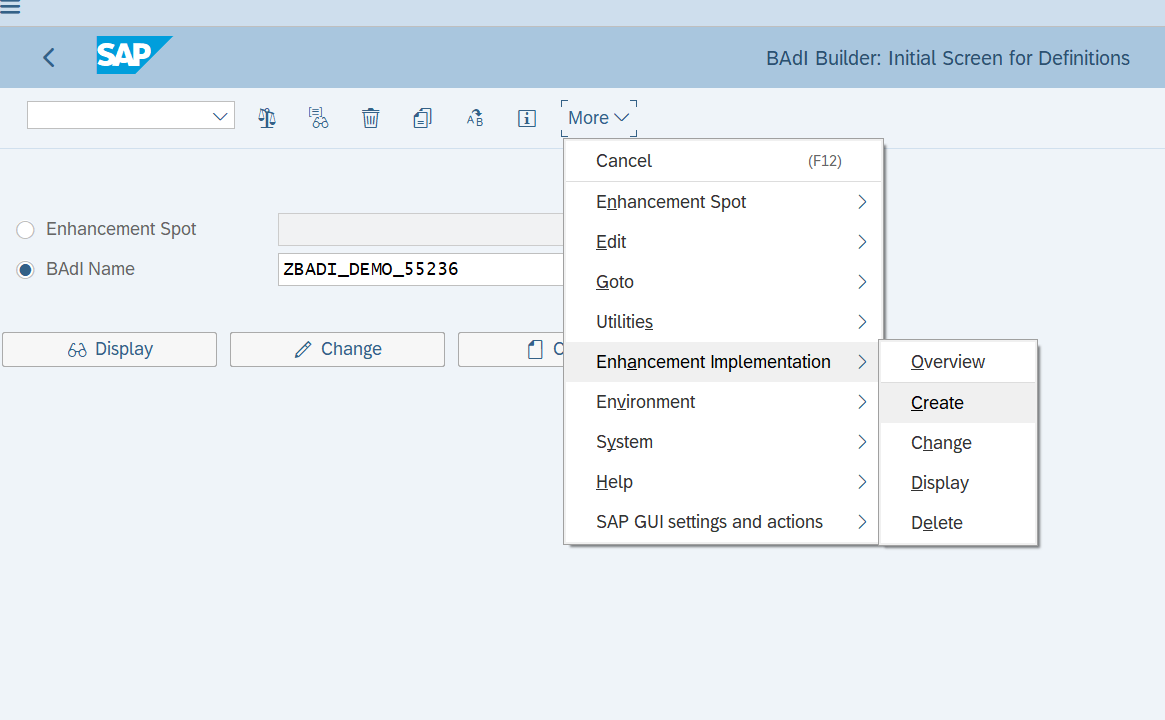
**LIT ASSIGNMENT -DAY 10**

**Batch: SAP ABAP ON HANA**

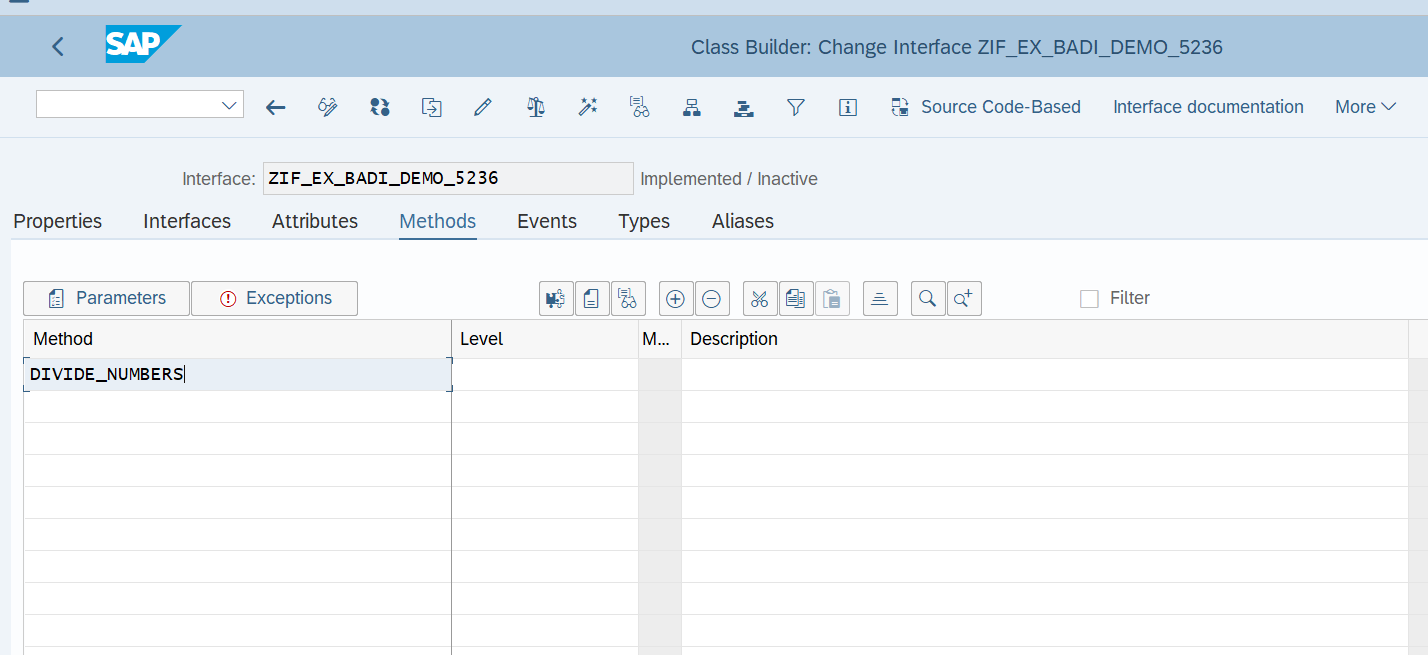
**EMP ID:46255236**

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

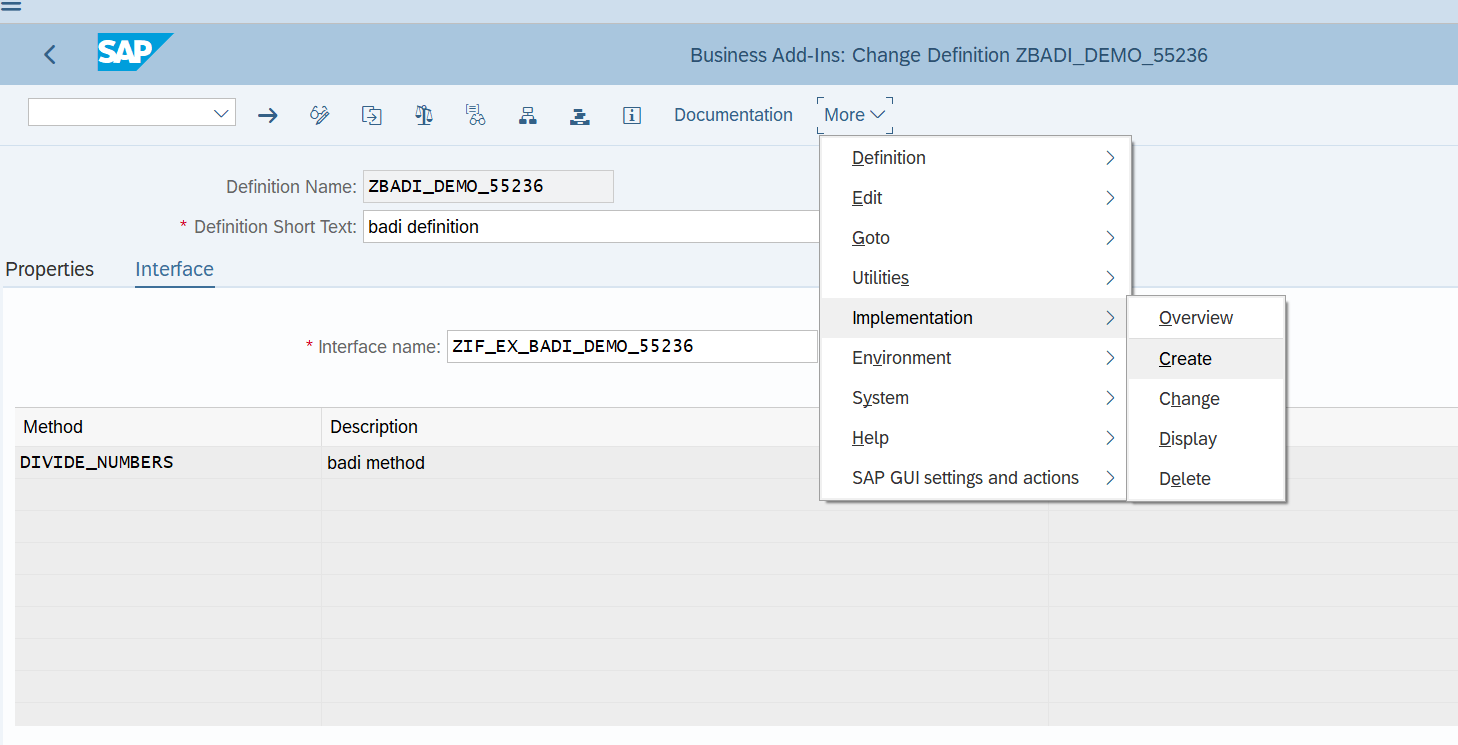
* Define a BADI (ZBADI\_DEMO\_01…05) in SE18.

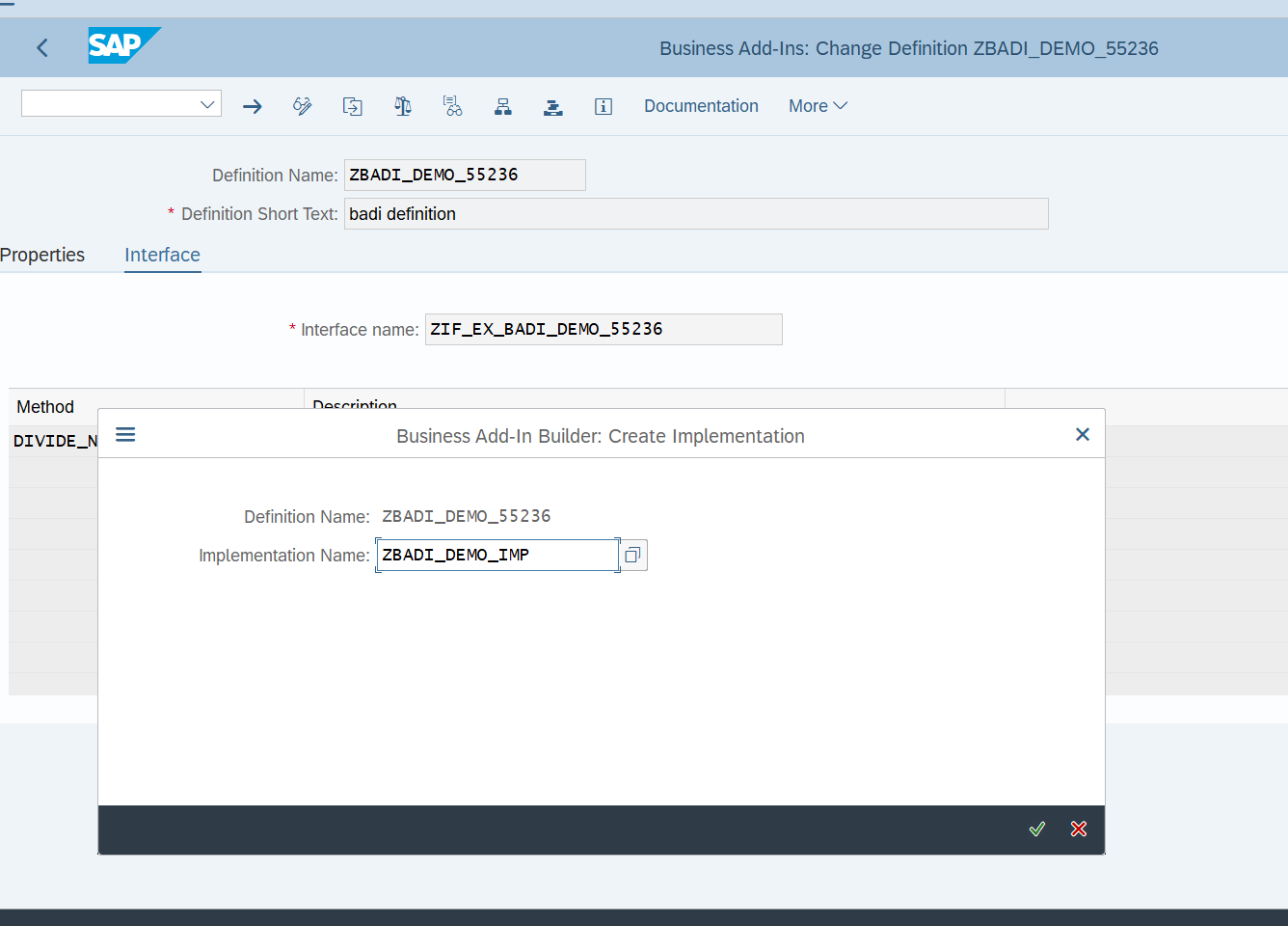
****

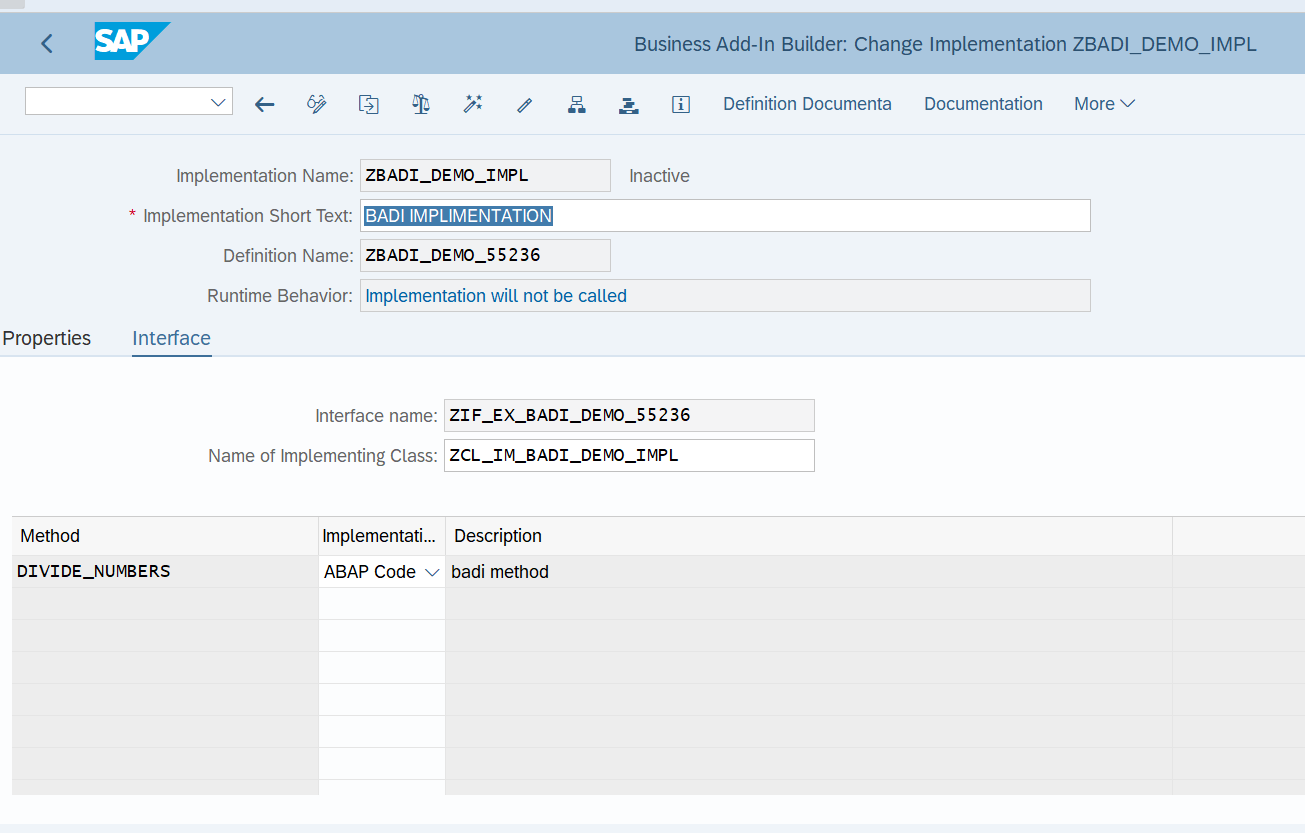
* Double click on the interface created to define the methods, parameters and exceptions.



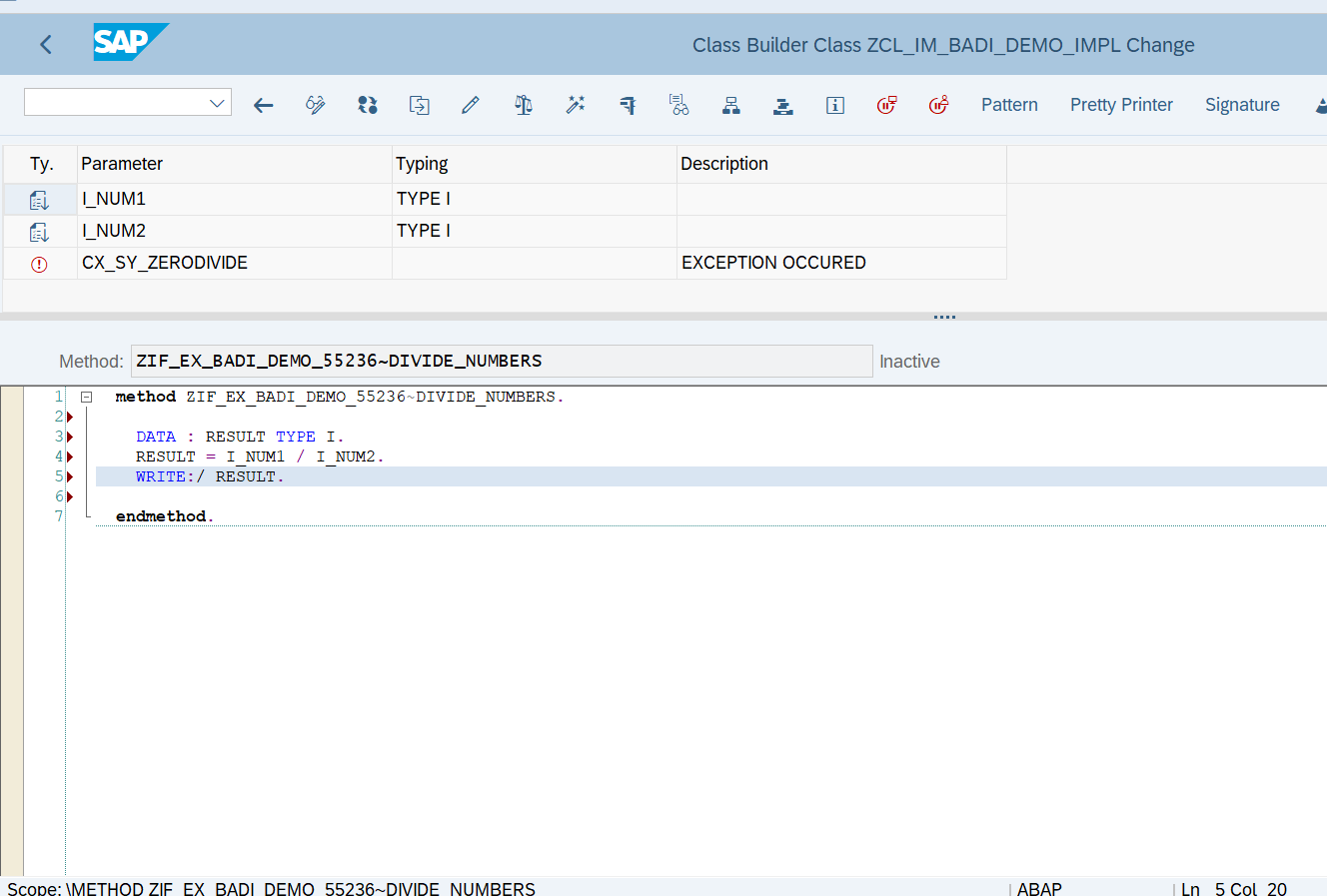
Create an implementation (ZBADI\_DEMO\_IMP\_01...05) by specifying the BADI name that was created in step1.







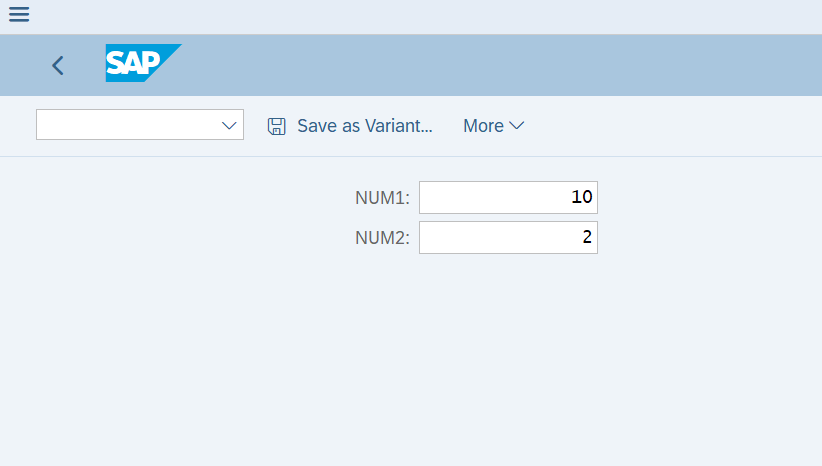
Step7: Double click on the method and write the source code to divide the two numbers.

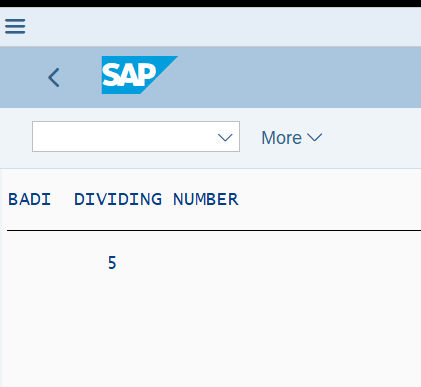


**REPORT:**

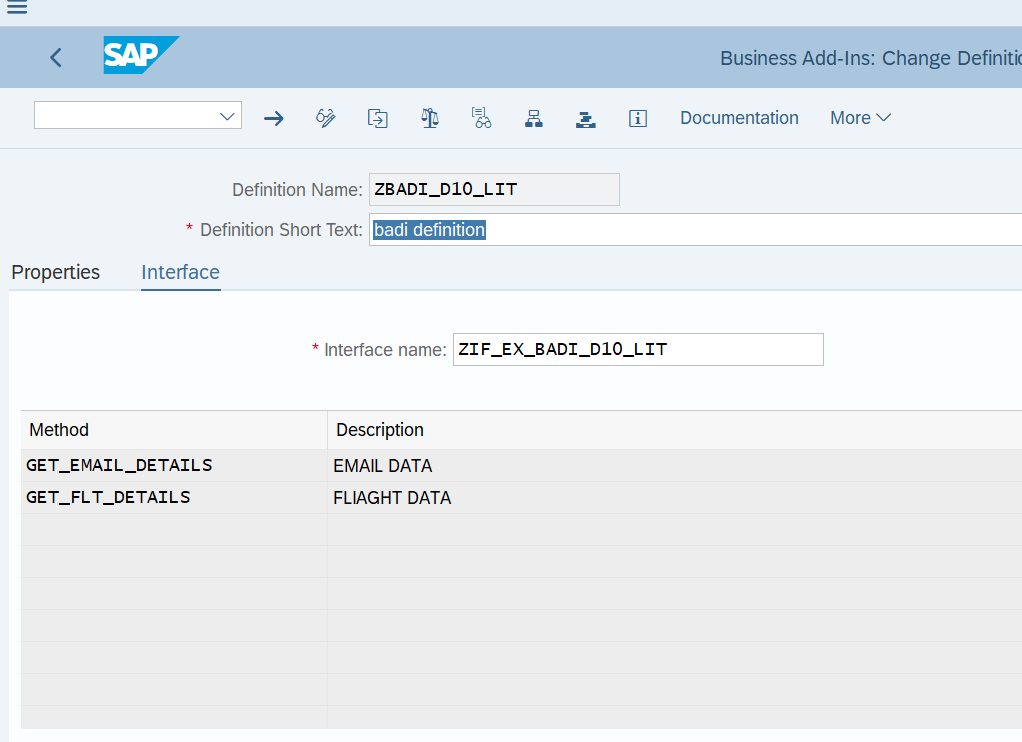
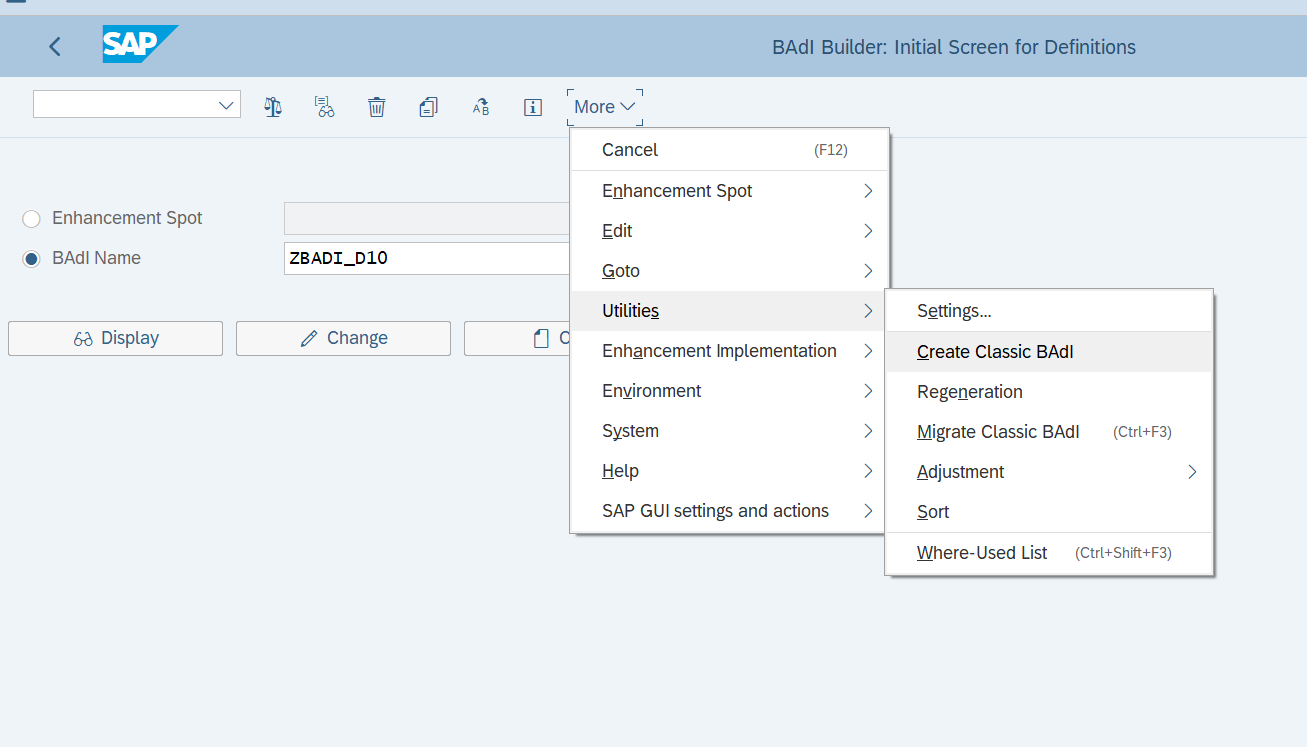
REPORT Z5236\_BADI\_DEMO.  
  
START-OF-SELECTION. CLASS CL\_EXITHANDLER DEFINITION LOAD.  
DATA: RESULT TYPE I.  
DATA OBJ1 TYPE REF TO ZIF\_EX\_BADI\_DEMO\_55236.  
  
PARAMETERS: NUM1 TYPE I,  
            NUM2 TYPE I.  
  
CALL METHOD cl\_exithandler=>get\_instance  
  EXPORTING  
    exit\_name                     =  'ZBADI\_DEMO\_55236'  
\*    null\_instance\_accepted        = SEEX\_FALSE  
\*  IMPORTING  
\*    act\_imp\_existing              =  
  CHANGING  
    instance                      = OBJ1  
  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.  
  
TRY.  
  CALL METHOD obj1->divide\_numbers  
      EXPORTING i\_num1 = NUM1  
                i\_num2 = NUM2 .  
 CATCH cx\_sy\_zerodivide .  
     
   ENDTRY.

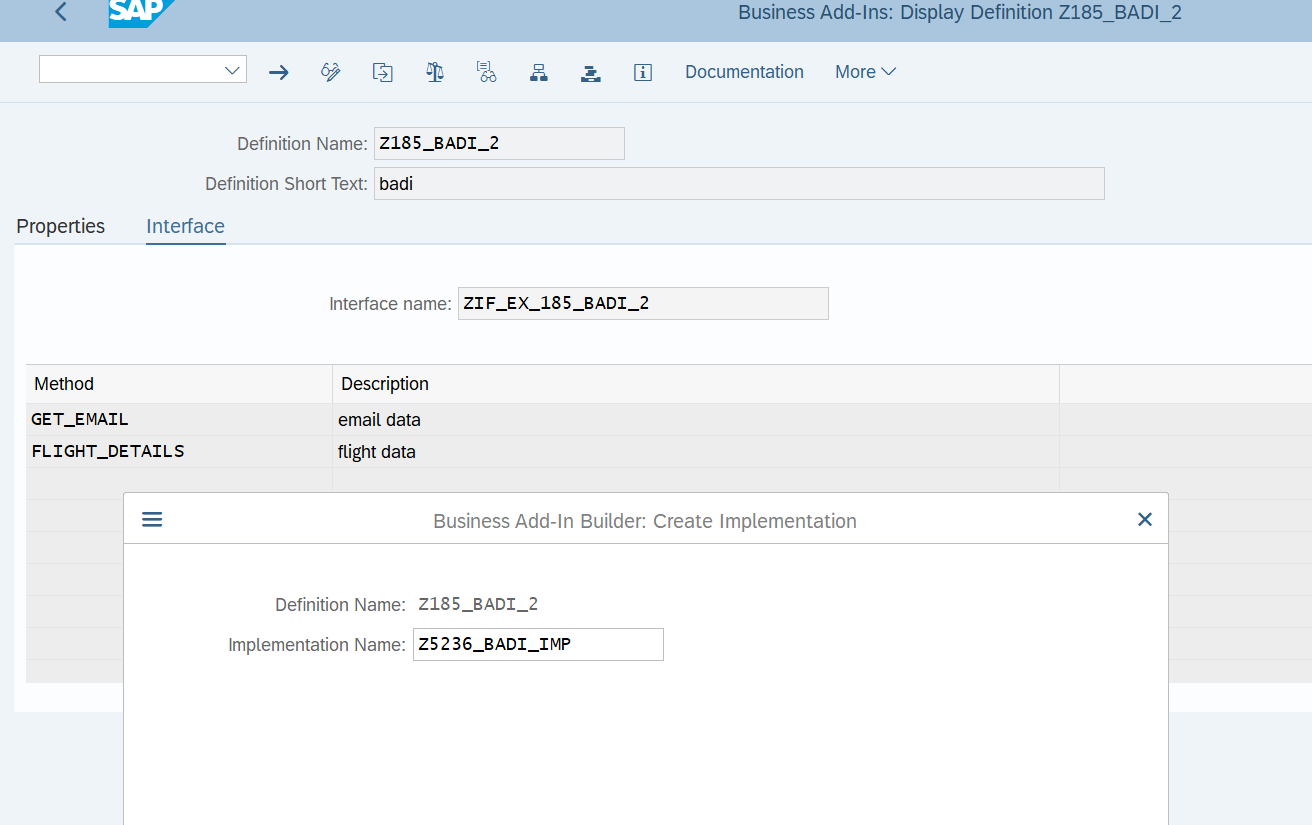
OUTPUT:

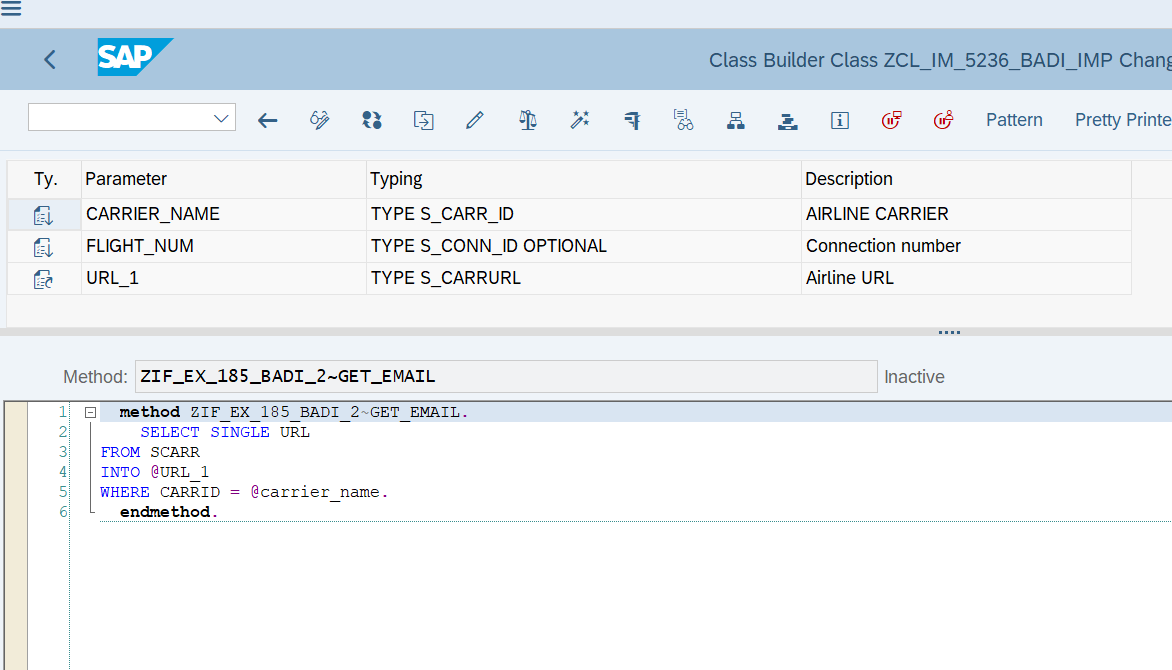


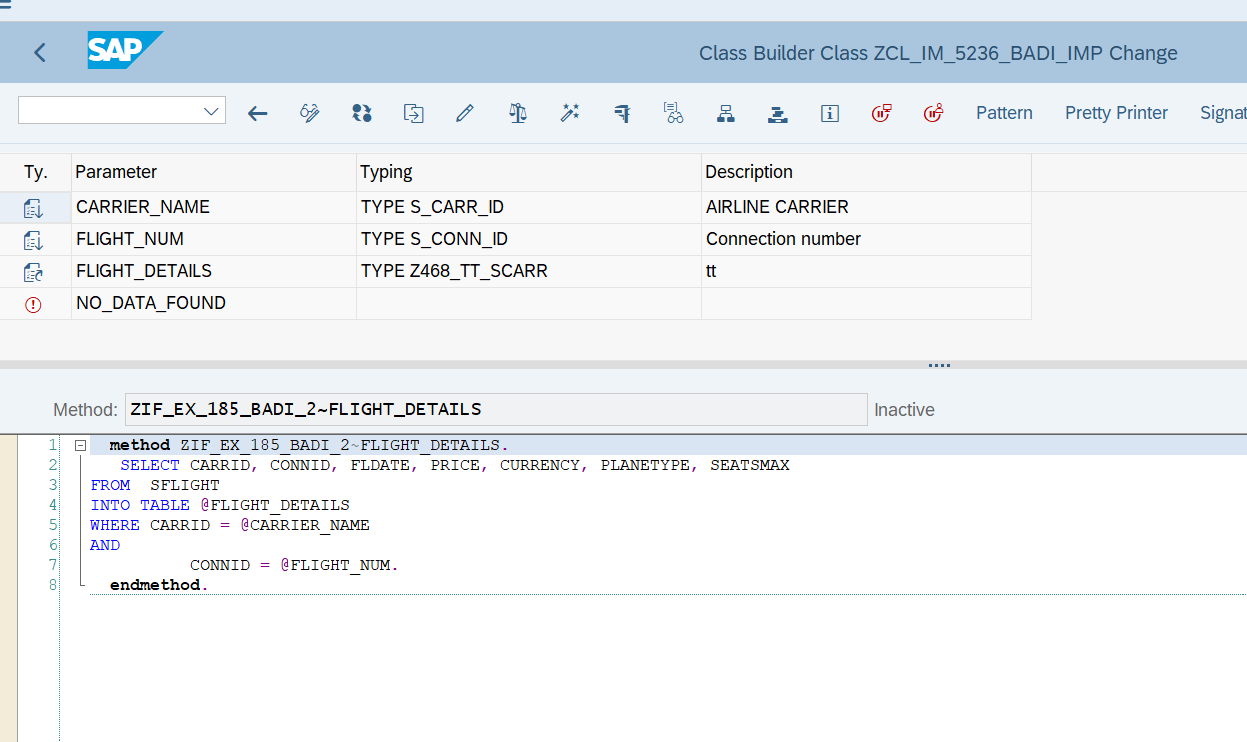


**Assignment 4 – Business Add in (BADI)-Multiple Use**

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REPORT:

REPORT Z5236\_D10\_LIT\_Q4.  
  
DATA: OBJ TYPE REF TO ZIF\_EX\_BADI\_D10\_LIT.  
  
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                     =  'ZBADI\_D10\_LIT'   *" 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                      =  OBJ   *" 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.  
  
CALL METHOD obj->get\_flt\_details  
  EXPORTING  
    carrier\_name   = p\_carr  
    flight\_num     = p\_flight  
  CHANGING  
    flight\_details = it\_flight  
*\*  EXCEPTIONS*  
*\*    no\_data\_found  = 1*  
*\*    others         = 2*  
        .  
IF sy-subrc <> 0.  
*\* Implement suitable error handling here*  
ENDIF.  
  
  
  
  
  
CALL METHOD obj->get\_email\_details  
  EXPORTING  
    carrier\_name = p\_carr  
    flight\_num   = p\_flight  
  CHANGING  
    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.

OUTPUT:

