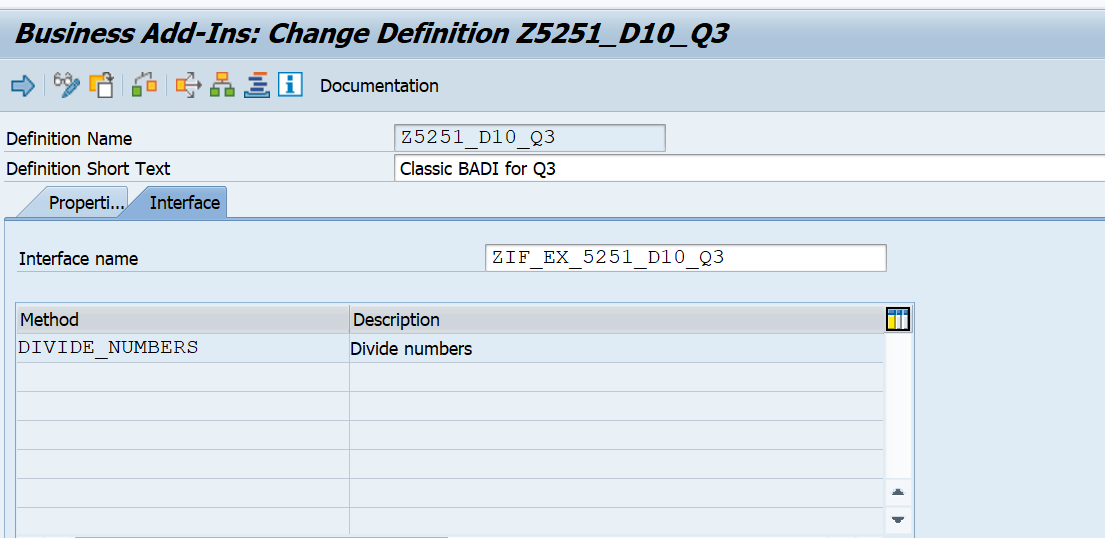
LIT TRAINING

Name: Pataparla Thanusha

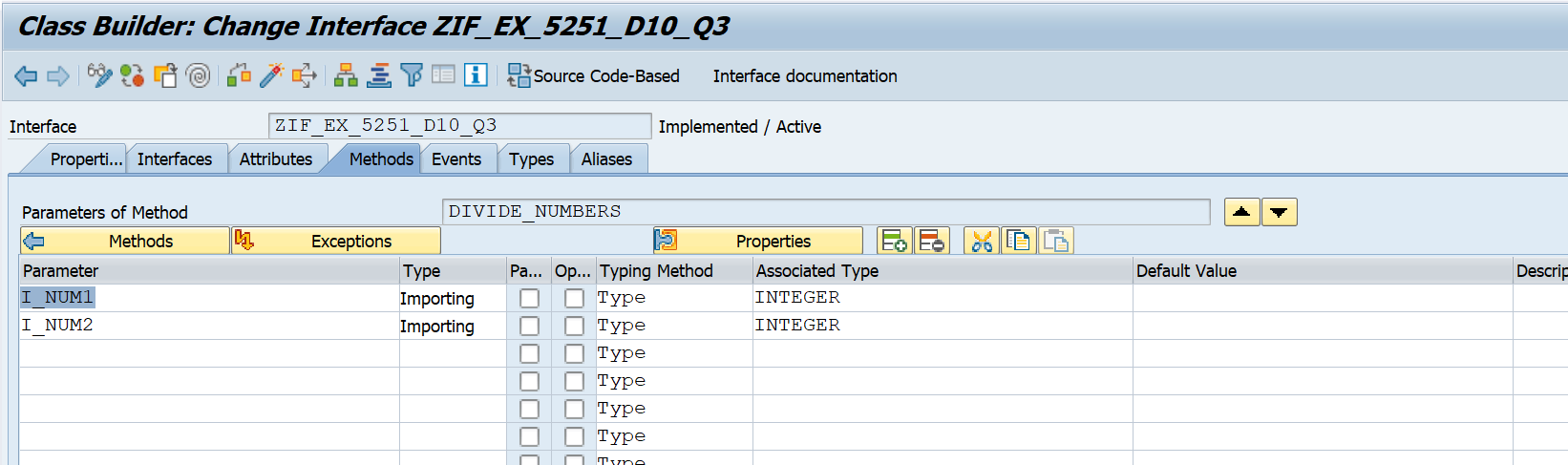
Employee ID: 46255251

Q3. **Assignment 3 – Business Add in (BADI)-Single Use**

BADI definition:

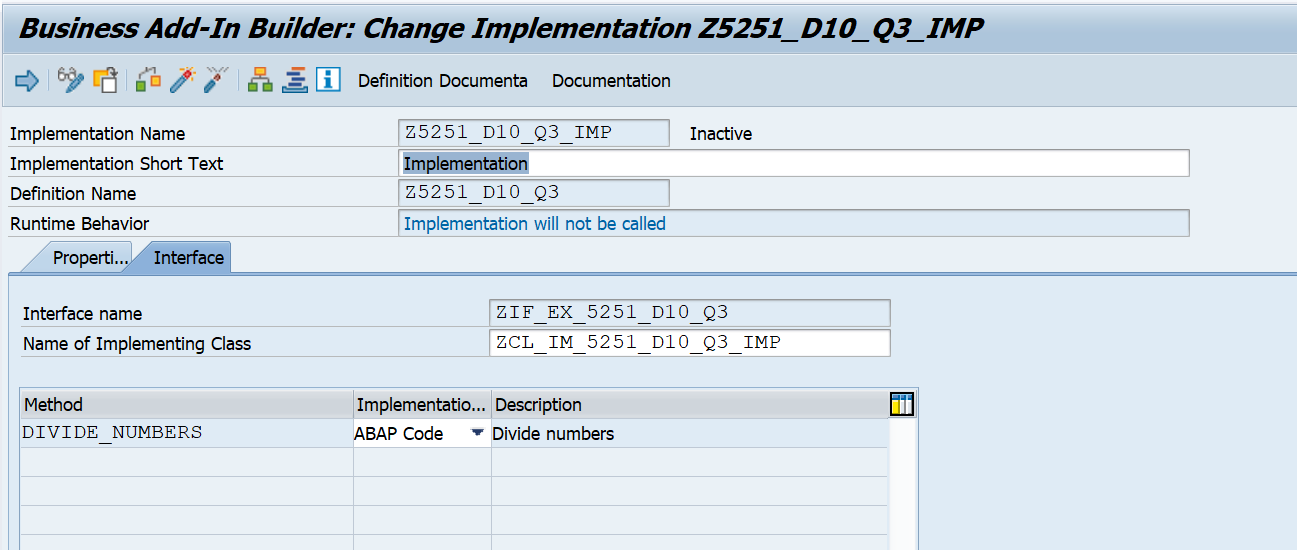


Method parameters:

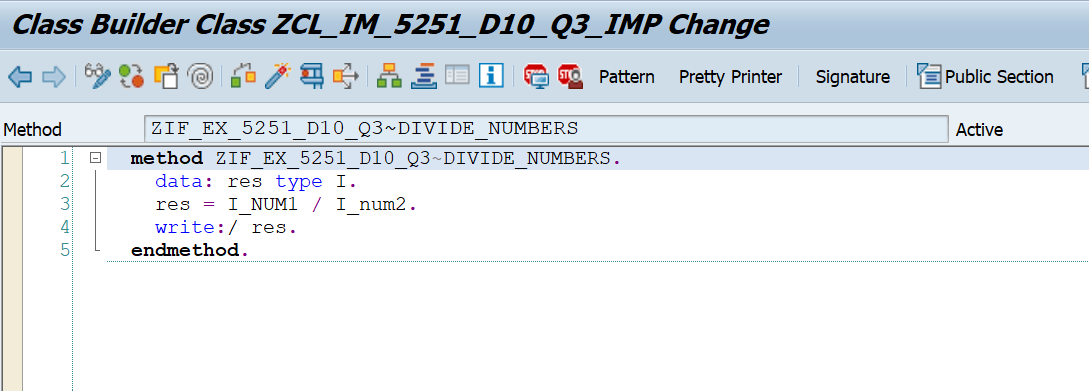


Exception added : CX\_SY\_ZERODIVIDE

BADI Implementation:



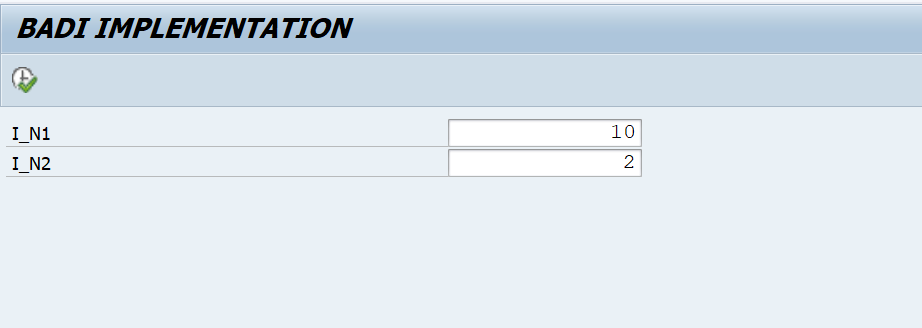
Method implementation:



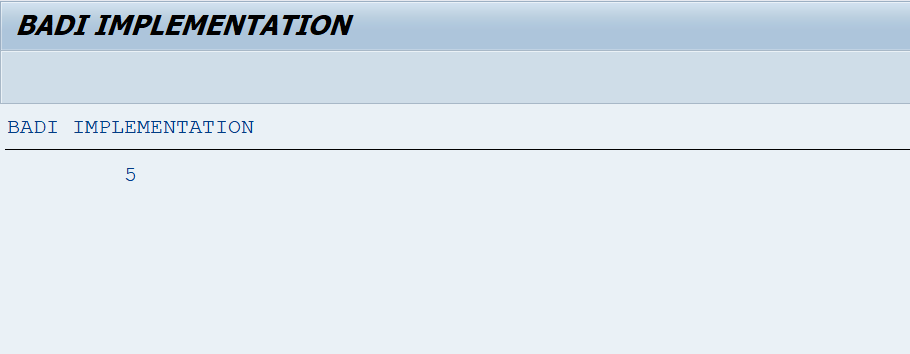
Report:

\*&---------------------------------------------------------------------\*  
\*& Report Z5251\_DEMO\_BADI  
\*&---------------------------------------------------------------------\*  
  
REPORT Z5251\_DEMO\_BADI.  
  
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.

Selection screen:

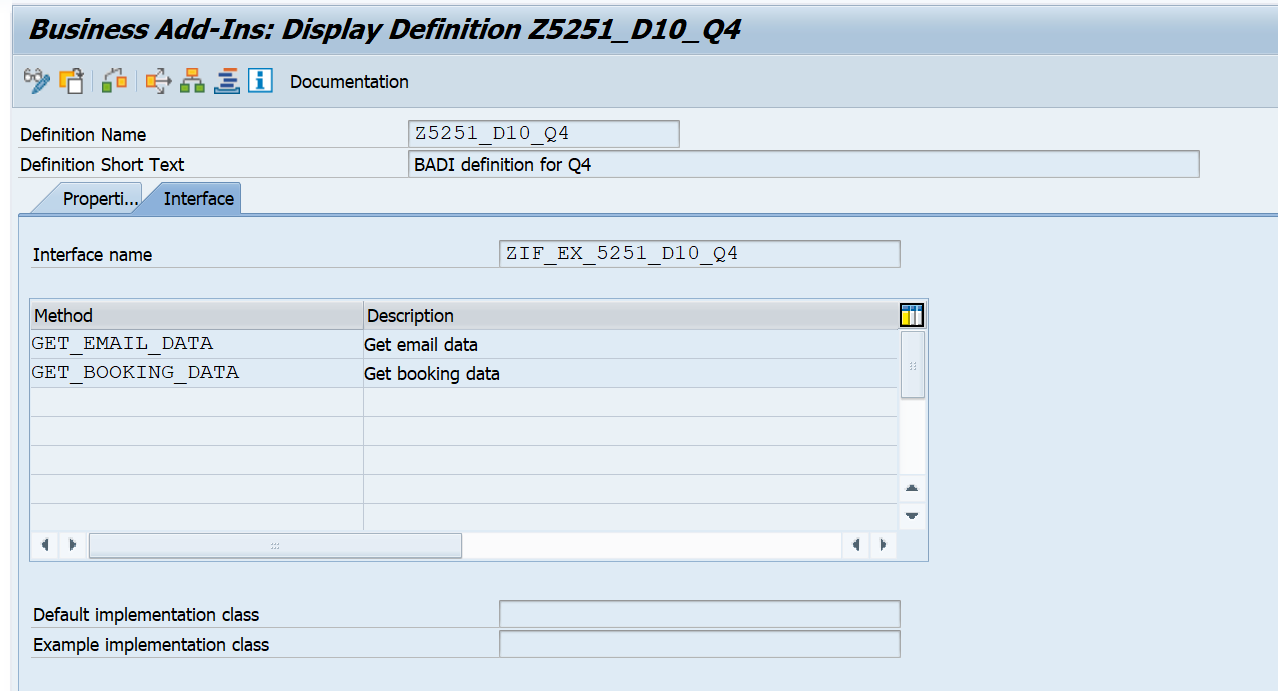


Output:

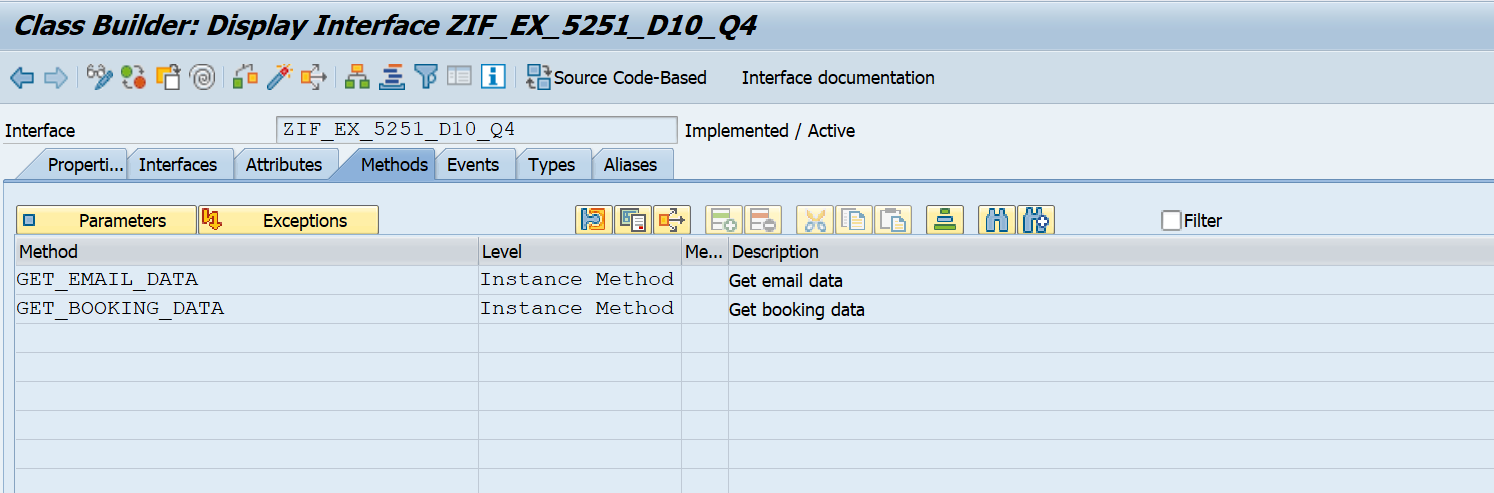


Q4. **Assignment 4 – Business Add in (BADI)-Multiple Use**

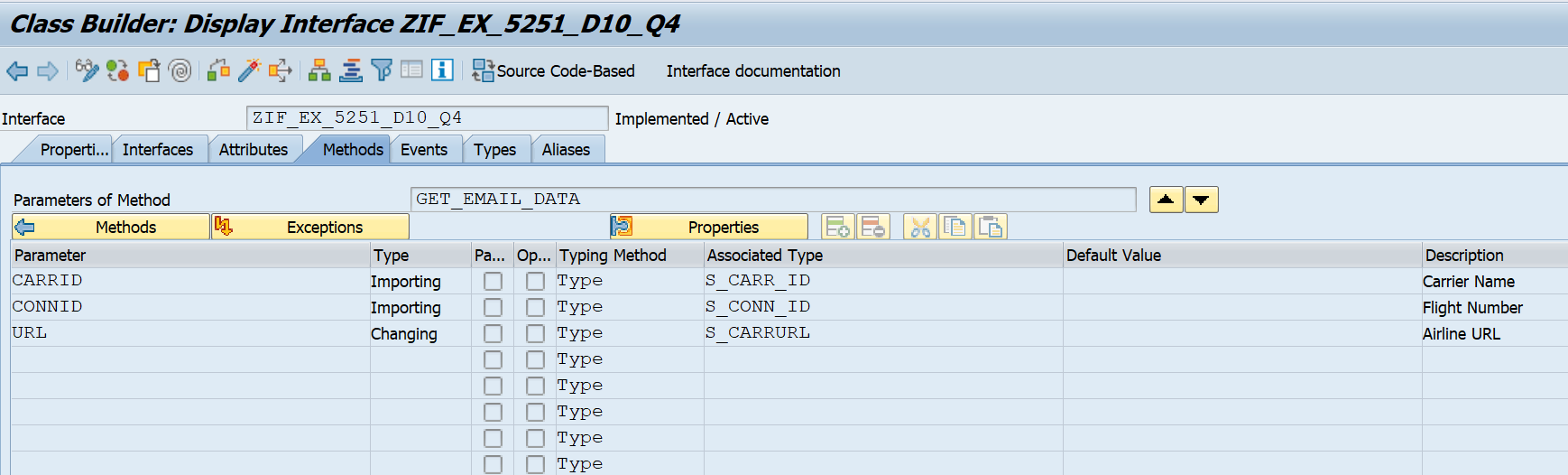
BADI definition:



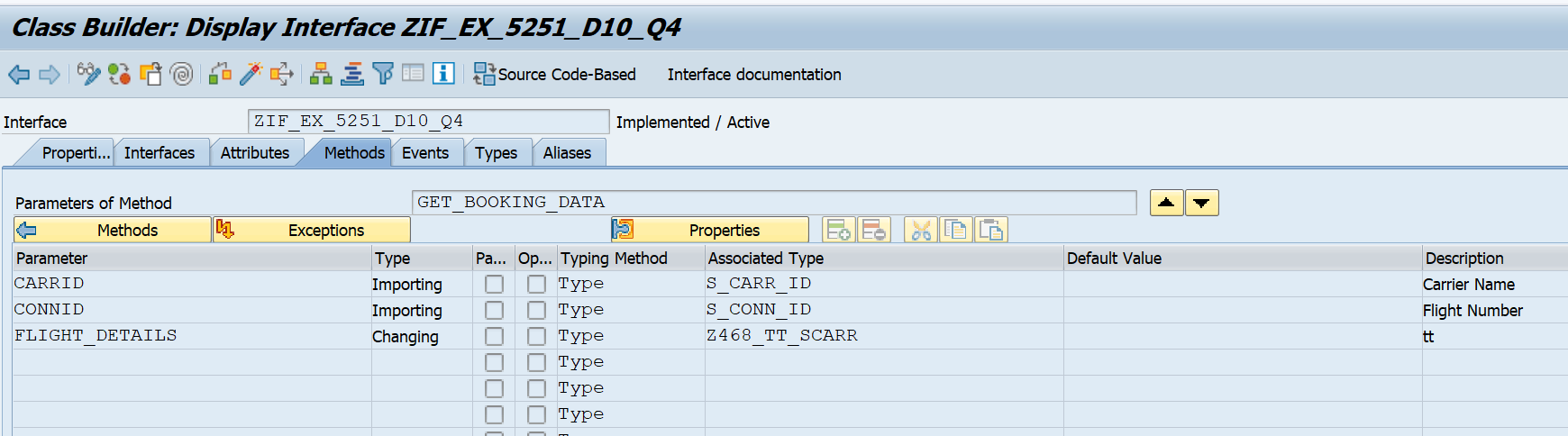
METHODS:



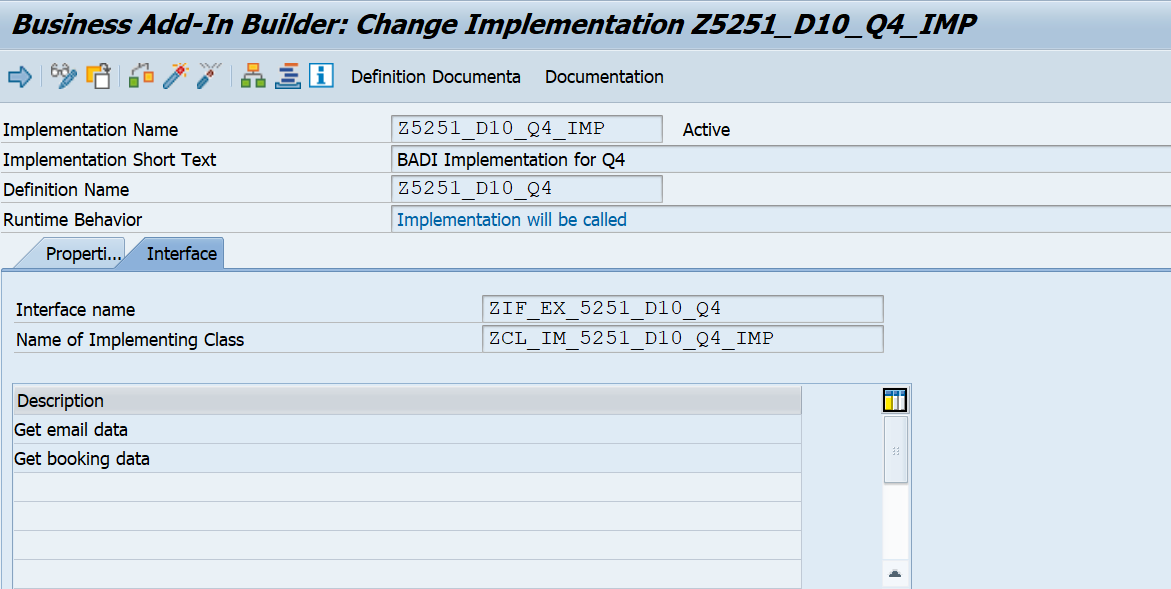
GET\_EMAIL\_DATA PARAMETERS:



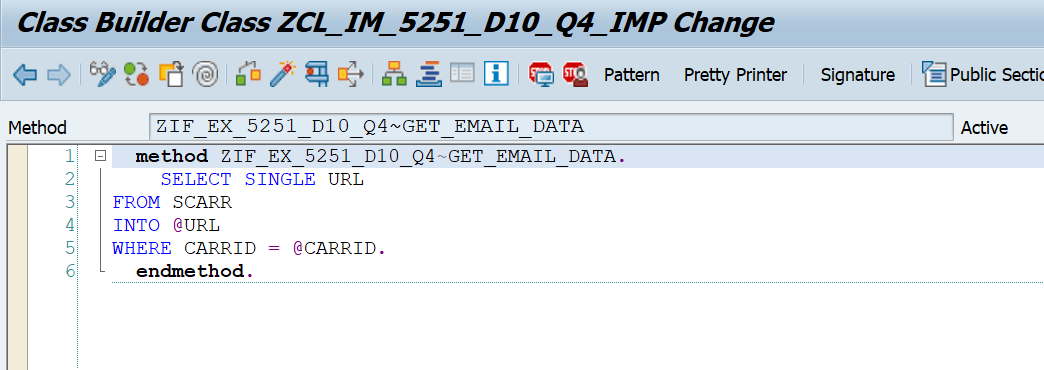
GET\_BOOKING\_DATA PARAMETERS:



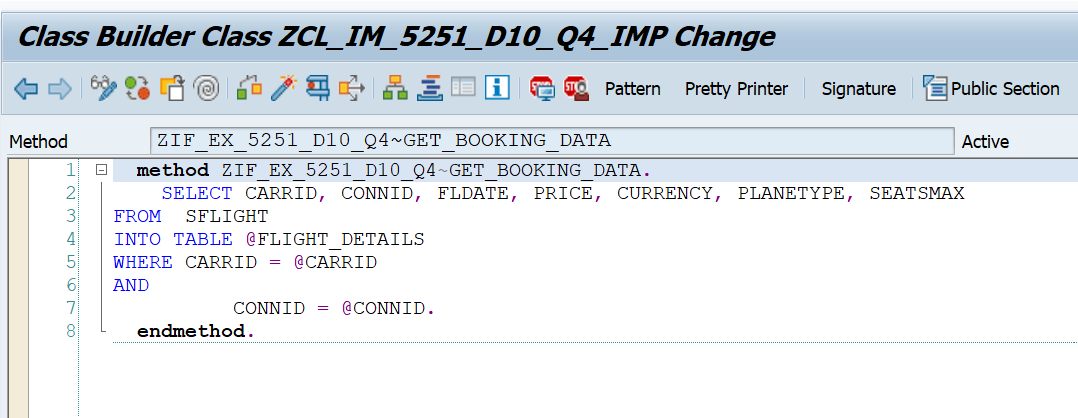
BADI Implementation:



GET\_EMAIL\_DATA method code:



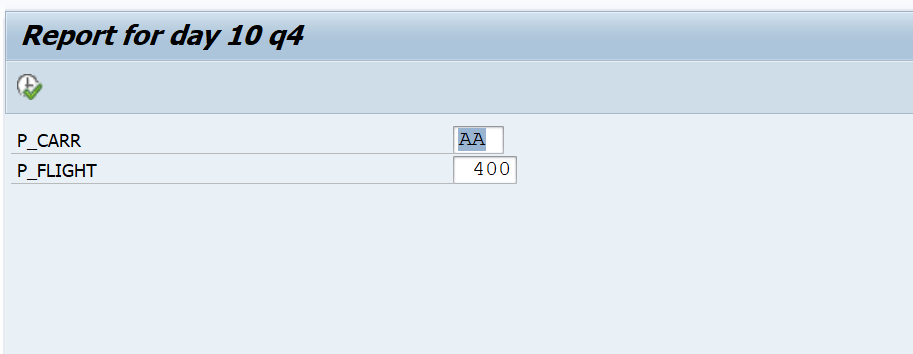
GET\_BOOKING\_DATA method code:



Report:

\*&---------------------------------------------------------------------\*  
\*& Report Z5251\_D10\_Q4\_REPORT  
\*&---------------------------------------------------------------------\*  
REPORT Z5251\_D10\_Q4\_REPORT.  
  
DATA: VAR TYPE REF TO ZIF\_EX\_5251\_D10\_Q4.  
  
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                     =  'Z5251\_D10\_Q4'   " 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.  
  
  
CALL METHOD VAR->GET\_BOOKING\_DATA  
  EXPORTING  
    CARRID         = p\_carr  
    CONNID         = p\_flight  
  CHANGING  
    FLIGHT\_DETAILS = it\_flight  
    .  
  
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\_EMAIL\_DATA  
  EXPORTING  
    CARRID = p\_carr  
    CONNID = p\_flight  
  CHANGING  
    URL    = url  
    .  
\* CATCH CX\_VBC\_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 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.

Selection screen:



Flight details:

