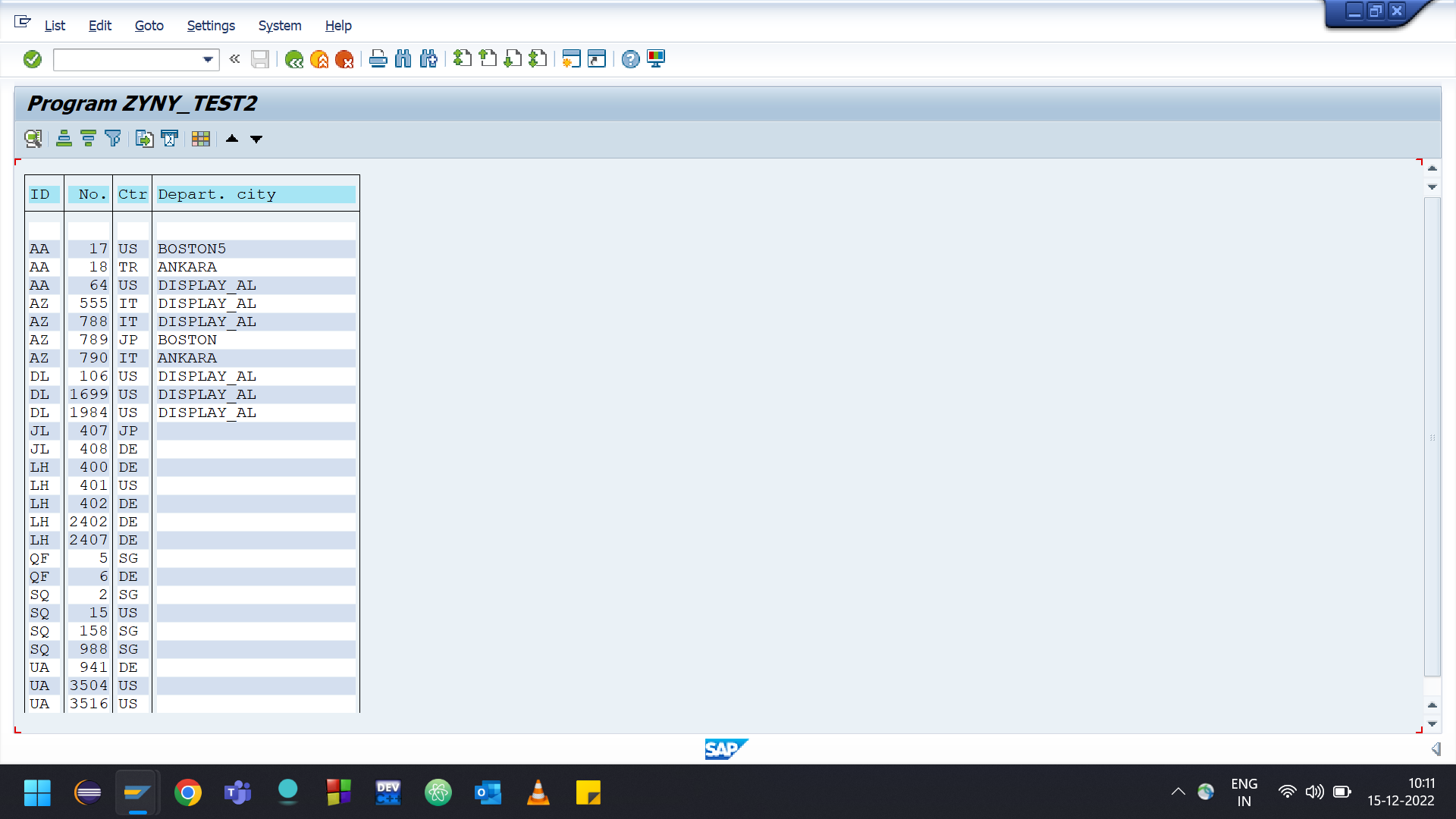
\*&---------------------------------------------------------------------\*  
\*& Report  ZYNY\_TEST2  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZYNY\_TEST2.  
  
TYPES : BEGIN OF ty\_spfli,  "User defined internal table type  
          carrid    TYPE spfli-carrid,  
          connid    TYPE spfli-connid,  
          countryfr TYPE spfli-countryfr,  
          cityfrom  TYPE spfli-cityfrom,  
        END OF ty\_spfli.  
  
DATA : it\_spfli TYPE TABLE OF ty\_spfli, "SPFLI internal table  
       wa\_spfli TYPE ty\_spfli. "work area  
  
DATA : t\_fcat\_spfli TYPE slis\_t\_fieldcat\_alv. "field catalog for SPFLI table  
DATA : w\_fcat\_spfli LIKE LINE OF t\_fcat\_spfli.  
  
TYPES : BEGIN OF ty\_sflight,  
          carrid TYPE sflight-carrid,  
          connid TYPE sflight-connid,  
          fldate TYPE sflight-fldate,  
          price  TYPE sflight-price,  
        END OF ty\_sflight.  
  
DATA : it\_sflight TYPE TABLE OF ty\_sflight, "SFLIGHT internal table  
       wa\_sflight TYPE ty\_sflight.  
DATA : t\_fcat\_sflight TYPE slis\_t\_fieldcat\_alv. "SFLIGHT field catalog  
DATA : w\_fcat\_sflight LIKE LINE OF t\_fcat\_sflight.  
  
DATA s\_events TYPE slis\_t\_event.  
  
DATA s\_layout TYPE slis\_layout\_alv.  
s\_layout-zebra = 'X'.  
  
PARAMETERS : p\_carrid TYPE spfli-carrid. "CARRID type input  
  
START-OF-SELECTION.  
  PERFORM get\_data.  
  PERFORM create\_fcat\_spfli.  
  PERFORM create\_fcat\_sflight.  
 PERFORM block\_list\_init.  
 PERFORM block\_list\_append\_spfli.  
 PERFORM block\_list\_append\_sflight.  
  
 CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_DISPLAY' . "display blocked list  
  
FORM get\_data.  
  SELECT carrid  
         connid  
         countryfr  
         cityfrom  
         FROM spfli "get SPFLI data  
    INTO TABLE it\_spfli.  
\*      WHERE carrid = p\_carrid.  
  IF NOT it\_spfli IS INITIAL .  
    SELECT  carrid connid  
            fldate  
            price FROM sflight INTO TABLE it\_sflight "get flight data  
      FOR ALL ENTRIES IN it\_spfli WHERE carrid = it\_spfli-carrid.  
  ENDIF.  
ENDFORM.  
  
FORM create\_fcat\_spfli.  
  REFRESH t\_fcat\_spfli.  
  w\_fcat\_spfli-col\_pos       = '1'. "coloum position  
  w\_fcat\_spfli-fieldname     = 'CARRID'. "column name  
   w\_fcat\_spfli-ref\_tabname   = 'SPFLI'. "table  
  w\_fcat\_spfli-ref\_fieldname = 'CARRID'. "reference field, it will show descriptions automatically  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '2'.  
  w\_fcat\_spfli-fieldname     = 'CONNID'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'CONNID'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '3'.  
  w\_fcat\_spfli-fieldname     = 'COUNTRYFR'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'COUNTRYFR'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '4'.  
  w\_fcat\_spfli-fieldname     = 'CITYFROM'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'CITYFROM'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
ENDFORM.  
  
FORM create\_fcat\_sflight.  
  refresh t\_fcat\_sflight.  
\*\*\*build fcat for SFLIGHT  
  w\_fcat\_sflight-col\_pos       = '1'.  
  w\_fcat\_sflight-fieldname     = 'CARRID'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-fieldname     = 'CARRID'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '2'.  
  w\_fcat\_sflight-fieldname     = 'CONNID'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'CONNID'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '3'.  
  w\_fcat\_sflight-fieldname     = 'FLDATE'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'FLDATE'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '3'.  
  w\_fcat\_sflight-fieldname     = 'PRICE'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'PRICE'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  
ENDFORM.  
  
FORM block\_list\_init.  
  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_INIT' "initialize Block List ALV  
    EXPORTING  
      i\_callback\_program = sy-repid.  
ENDFORM.  
  
FORM block\_list\_append\_spfli.  
  
  
  
  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
    EXPORTING  
      is\_layout   = s\_layout "set layout  
      it\_fieldcat = t\_fcat\_spfli "set field catalog  
     i\_tabname   = 'IT\_SPFLI' "table  
      it\_events   = s\_events "events  
    TABLES  
      t\_outtab    = it\_spfli. "out put table  
  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
ENDFORM.  
  
FORM block\_list\_append\_sflight.  
\*  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
\*    EXPORTING  
\*      is\_layout   = s\_layout "set layout  
\*      it\_fieldcat = t\_fcat\_sflight "set field catalog  
\*      i\_tabname   = 'IT\_SFLIGHT' "table  
\*      it\_events   = s\_events "events  
\*    TABLES  
\*      t\_outtab    = it\_sflight. "out put table  
\*  
\*  IF sy-subrc <> 0.  
\*\* Implement suitable error handling here  
\*  ENDIF.  
  
ENDFORM.

with only spfli



\*&---------------------------------------------------------------------\*  
\*& Report  ZYNY\_TEST2  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
REPORT ZYNY\_TEST2.  
  
TYPES : BEGIN OF ty\_spfli,  "User defined internal table type  
          carrid    TYPE spfli-carrid,  
          connid    TYPE spfli-connid,  
          countryfr TYPE spfli-countryfr,  
          cityfrom  TYPE spfli-cityfrom,  
        END OF ty\_spfli.  
  
DATA : it\_spfli TYPE TABLE OF ty\_spfli, "SPFLI internal table  
       wa\_spfli TYPE ty\_spfli. "work area  
  
DATA : t\_fcat\_spfli TYPE slis\_t\_fieldcat\_alv. "field catalog for SPFLI table  
DATA : w\_fcat\_spfli LIKE LINE OF t\_fcat\_spfli.  
  
TYPES : BEGIN OF ty\_sflight,  
          carrid TYPE sflight-carrid,  
          connid TYPE sflight-connid,  
          fldate TYPE sflight-fldate,  
          price  TYPE sflight-price,  
        END OF ty\_sflight.  
  
DATA : it\_sflight TYPE TABLE OF ty\_sflight, "SFLIGHT internal table  
       wa\_sflight TYPE ty\_sflight.  
DATA : t\_fcat\_sflight TYPE slis\_t\_fieldcat\_alv. "SFLIGHT field catalog  
DATA : w\_fcat\_sflight LIKE LINE OF t\_fcat\_sflight.  
  
DATA s\_events TYPE slis\_t\_event.  
  
DATA s\_layout TYPE slis\_layout\_alv.  
s\_layout-zebra = 'X'.  
  
PARAMETERS : p\_carrid TYPE spfli-carrid. "CARRID type input  
  
START-OF-SELECTION.  
  PERFORM get\_data.  
  PERFORM create\_fcat\_spfli.  
  PERFORM create\_fcat\_sflight.  
  PERFORM block\_list\_init.  
  PERFORM block\_list\_append\_spfli.  
  PERFORM block\_list\_append\_sflight.  
  
 CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_DISPLAY' . "display blocked list  
  
FORM get\_data.  
  SELECT carrid  
         connid  
         countryfr  
         cityfrom  
         FROM spfli "get SPFLI data  
    INTO TABLE it\_spfli.  
\*      WHERE carrid = p\_carrid.  
  IF NOT it\_spfli IS INITIAL .  
    SELECT  carrid connid  
            fldate  
            price FROM sflight INTO TABLE it\_sflight "get flight data  
      FOR ALL ENTRIES IN it\_spfli WHERE carrid = it\_spfli-carrid.  
  ENDIF.  
ENDFORM.  
  
FORM create\_fcat\_spfli.  
  REFRESH t\_fcat\_spfli.  
  w\_fcat\_spfli-col\_pos       = '1'. "coloum position  
  w\_fcat\_spfli-fieldname     = 'CARRID'. "column name  
   w\_fcat\_spfli-ref\_tabname   = 'SPFLI'. "table  
  w\_fcat\_spfli-ref\_fieldname = 'CARRID'. "reference field, it will show descriptions automatically  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '2'.  
  w\_fcat\_spfli-fieldname     = 'CONNID'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'CONNID'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '3'.  
  w\_fcat\_spfli-fieldname     = 'COUNTRYFR'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'COUNTRYFR'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
  w\_fcat\_spfli-col\_pos       = '4'.  
  w\_fcat\_spfli-fieldname     = 'CITYFROM'.  
  w\_fcat\_spfli-ref\_tabname   = 'SPFLI'.  
  w\_fcat\_spfli-ref\_fieldname = 'CITYFROM'.  
  APPEND w\_fcat\_spfli TO t\_fcat\_spfli.  
  CLEAR w\_fcat\_spfli.  
  
ENDFORM.  
  
FORM create\_fcat\_sflight.  
  refresh t\_fcat\_sflight.  
\*\*\*build fcat for SFLIGHT  
  w\_fcat\_sflight-col\_pos       = '1'.  
  w\_fcat\_sflight-fieldname     = 'CARRID'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-fieldname     = 'CARRID'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '2'.  
  w\_fcat\_sflight-fieldname     = 'CONNID'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'CONNID'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '3'.  
  w\_fcat\_sflight-fieldname     = 'FLDATE'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'FLDATE'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  w\_fcat\_sflight-col\_pos       = '3'.  
  w\_fcat\_sflight-fieldname     = 'PRICE'.  
  w\_fcat\_sflight-ref\_tabname   = 'SFLIGHT'.  
  w\_fcat\_sflight-ref\_fieldname = 'PRICE'.  
  APPEND w\_fcat\_sflight TO t\_fcat\_sflight.  
  CLEAR w\_fcat\_sflight.  
  
  
ENDFORM.  
  
FORM block\_list\_init.  
  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_INIT' "initialize Block List ALV  
    EXPORTING  
      i\_callback\_program = sy-repid.  
ENDFORM.  
  
FORM block\_list\_append\_spfli.  
  
  
  
  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
    EXPORTING  
      is\_layout   = s\_layout "set layout  
      it\_fieldcat = t\_fcat\_spfli "set field catalog  
     i\_tabname   = 'IT\_SPFLI' "table  
      it\_events   = s\_events "events  
    TABLES  
      t\_outtab    = it\_spfli. "out put table  
  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
ENDFORM.  
  
FORM block\_list\_append\_sflight.  
  CALL FUNCTION 'REUSE\_ALV\_BLOCK\_LIST\_APPEND' "append ALV lists  
    EXPORTING  
      is\_layout   = s\_layout "set layout  
      it\_fieldcat = t\_fcat\_sflight "set field catalog  
      i\_tabname   = 'IT\_SFLIGHT' "table  
      it\_events   = s\_events "events  
    TABLES  
      t\_outtab    = it\_sflight. "out put table  
  
  IF sy-subrc <> 0.  
\* Implement suitable error handling here  
  ENDIF.  
  
ENDFORM.

with sflight it will be printed below the first alv

