\*&---------------------------------------------------------------------\*  
\*& Report  Z\_LCL\_AIRPLANE  
\*&  
\*&---------------------------------------------------------------------\*  
\*&  
\*&  
\*&---------------------------------------------------------------------\*  
  
REPORT  z\_lcl\_airplane.  
  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\*Report Name  : Z\_LCL\_AIRPLANE  
\* Report Title : Lokale Klasse                                         \*  
\* SAP Release 6.0                                                      \*  
\* Author´s Name: BUESCHERM                                         \*  
\* Create Date  : 01/20/2019 (MM/DD/YYYY)                               \*  
\* Called from  : <Report where used Information>                       \*  
\*                                                                      \*  
\* Description  : Espresso Tutorials                \*  
\*              : <DESCRIPTION EXPLAINING FUNCTIONALITY>                \*  
\*              : <DESCRIPTION EXPLAINING FUNCTIONALITY>                \*  
\*              : <DESCRIPTION EXPLAINING FUNCTIONALITY>                \*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\* Development / Modification History                                   \*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\* Ver.# | Date:01.20.19 | Author: M.Büscher | Destrcription/Transport  \*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
  
INTERFACE lif\_airplane.  
  DATA gv\_engine\_type TYPE char255 READ-ONLY.  
  METHODS set\_engine\_type  
  IMPORTING iv\_engine\_type TYPE char255.  
ENDINTERFACE.                    "lif\_airplane  
  
\*----------------------------------------------------------------------\*  
\*       INTERFACE lif\_connid  
\*----------------------------------------------------------------------\*  
\*  
\*----------------------------------------------------------------------\*  
INTERFACE lif\_connid.  
  DATA gv\_conn\_id TYPE s\_conn\_id READ-ONLY.  
  METHODS: determine\_conn\_id,  
  set\_conn\_id  
  IMPORTING iv\_conn\_id TYPE s\_conn\_id.  
ENDINTERFACE.                    "lif\_connid  
  
  
\*----------------------------------------------------------------------\*  
\*       CLASS lcl\_airplane DEFINITION  
\*----------------------------------------------------------------------\*  
\*  
\*----------------------------------------------------------------------\*  
CLASS lcl\_airplane DEFINITION.  
  PUBLIC SECTION.  
    METHODS onevent\_continent\_changed  
    FOR EVENT ge\_continent\_changed  
    OF z\_cl\_flight\_intercontinental  
    IMPORTING iv\_new\_continent.  
  
    EVENTS ge\_engine\_error  
            EXPORTING  
              value(iv\_error\_reason) TYPE string.  
    CLASS-EVENTS ge\_compute\_error.  
  
    INTERFACES: lif\_airplane, lif\_connid.  
  
    ALIASES gv\_engine\_type  
    FOR lif\_airplane~gv\_engine\_type.  
    ALIASES set\_engine\_type  
    FOR lif\_airplane~set\_engine\_type.  
    ALIASES gv\_conn\_id  
    FOR lif\_connid~gv\_conn\_id.  
    ALIASES determine\_conn\_id  
    FOR lif\_connid~determine\_conn\_id.  
    ALIASES set\_conn\_id  
    FOR lif\_connid~set\_conn\_id.  
  
  
    DATA gv\_carrier\_id TYPE s\_carr\_id READ-ONLY.  
    CONSTANTS gc\_carrid\_lufthansa  
            TYPE s\_carr\_id VALUE 'LH'.  
    METHODS: constructor  
        IMPORTING  
            iv\_windows TYPE i  
            iv\_seats TYPE i,  
    set\_carrier\_id,  
    set\_windows  
    IMPORTING iv\_windows TYPE i,  
      set\_seats  
        IMPORTING iv\_seats TYPE i,  
      get\_windows  
        EXPORTING ev\_windows TYPE i,  
      get\_seats  
        EXPORTING ev\_seats TYPE i,  
        compute\_windows  
        IMPORTING iv\_windows\_basic TYPE i.  
    CLASS-METHODS compute\_data  
          IMPORTING iv\_number\_1 TYPE i  
            iv\_number\_2 TYPE i  
            RETURNING value(rv\_sum) TYPE i.  
  
  PRIVATE SECTION.  
    DATA: gv\_windows TYPE i,  
          gv\_seats TYPE i.  
    CLASS-DATA gv\_editor TYPE c LENGTH 20.  
    CONSTANTS gc\_carrid\_american  
   TYPE s\_carr\_id VALUE 'AA'.  
    METHODS add\_seats  
    IMPORTING iv\_number\_of\_seats TYPE i.  
ENDCLASS.                    "lcl\_airplane DEFINITION  
  
\*----------------------------------------------------------------------\*  
\*       CLASS lcl\_airplane IMPLEMENTATION  
\*----------------------------------------------------------------------\*  
\*  
\*----------------------------------------------------------------------\*  
CLASS lcl\_airplane IMPLEMENTATION.  
  
  METHOD onevent\_continent\_changed.  
    WRITE iv\_new\_continent.  
  ENDMETHOD.                    "onevent\_continet\_changed  
  
  METHOD lif\_airplane~set\_engine\_type.  
    gv\_engine\_type = iv\_engine\_type.  
  ENDMETHOD.                    "lif\_airplane~set\_engine\_type  
  
  METHOD lif\_connid~determine\_conn\_id.  
    DATA lv\_conn\_id LIKE lif\_connid~gv\_conn\_id.  
  
    SELECT SINGLE connid  
      FROM spfli  
      INTO lv\_conn\_id  
      WHERE carrid = gc\_carrid\_lufthansa.  
  
    lif\_connid~set\_conn\_id( lv\_conn\_id ).  
  ENDMETHOD.                    "lif\_connid~determin\_conn\_id  
  
  METHOD lif\_connid~set\_conn\_id.  
    lif\_connid~gv\_conn\_id = iv\_conn\_id.  
  ENDMETHOD.                    "lif\_connid~set\_conn\_id  
  
  
  METHOD constructor.  
    set\_carrier\_id( ).  
    set\_windows( iv\_windows ).  
    set\_seats( iv\_seats ).  
  ENDMETHOD.                    "constructor  
  
  METHOD set\_carrier\_id.  
    gv\_carrier\_id = gc\_carrid\_lufthansa.  
  ENDMETHOD.                    "set\_carrier\_id  
  
  METHOD set\_windows.  
    gv\_windows = iv\_windows.  
  ENDMETHOD.                    "set\_windows  
  
  
  METHOD set\_seats.  
    gv\_seats = iv\_seats.  
  
    add\_seats( 3 ).  
  ENDMETHOD.                    "set\_seats  
  
  METHOD get\_windows.  
    ev\_windows = gv\_windows.  
  ENDMETHOD.                    "get\_windows  
  
  METHOD get\_seats.  
    ev\_seats = gv\_seats.  
  ENDMETHOD.                    "get\_seats  
  
  METHOD add\_seats.  
    gv\_seats = gv\_seats + iv\_number\_of\_seats.  
  ENDMETHOD.                    "add\_seats  
  
  METHOD compute\_data.  
    rv\_sum = iv\_number\_1 + iv\_number\_2.  
  ENDMETHOD.                    "compute\_data  
  
  METHOD compute\_windows.  
    DATA lv\_windows LIKE gv\_windows.  
  
    lv\_windows = iv\_windows\_basic + 4.  
    set\_windows(  
    EXPORTING  
      iv\_windows = lv\_windows ).  
  ENDMETHOD.                    "´compute\_windows  
ENDCLASS.                    "lcl\_airplane IMPLEMENTATION