REPORT ZNYN\_OOP\_DEMO\_15.  
  
INTERFACE LIF\_EMPLOYEE.  
  METHODS  
    SET\_ATTRIBUTES  
      IMPORTING IM\_EMPLOYEE\_NO   TYPE I  
                IM\_EMPLOYEE\_NAME TYPE STRING  
                IM\_WAGE          TYPE I.  
ENDINTERFACE.  
  
INTERFACE LIF\_ADDRESS.  
  METHODS  
    SET\_ADDRESS  
      IMPORTING IM\_STREETNO  TYPE N  
                IM\_BLDG\_NAME TYPE STRING  
                IM\_ZIPCODE   TYPE N.  
ENDINTERFACE.  
  
CLASS EMPLOYEE DEFINITION.  
  PUBLIC SECTION.  
    INTERFACES LIF\_EMPLOYEE.  
    INTERFACES LIF\_ADDRESS.  
    METHODS  
      DISPLAY\_ATTRIBUTES.  
  PRIVATE SECTION.  
    DATA:  NO          TYPE I,  
           NAME        TYPE STRING,  
           WAGE        TYPE I,  
           STREETNO(4) TYPE N,  
           BLDG\_NAME   TYPE STRING,  
           ZIP\_CODE(6) TYPE N.  
ENDCLASS.  
  
\*-- CLASS LCL\_CompanyEmployees IMPLEMENTATION  
CLASS EMPLOYEE IMPLEMENTATION.  
  METHOD LIF\_EMPLOYEE~SET\_ATTRIBUTES.  
\*   Adds a new employee to the list of employees  
    NO   = IM\_EMPLOYEE\_NO.  
    NAME = IM\_EMPLOYEE\_NAME.  
    WAGE = IM\_WAGE.  
  ENDMETHOD.  
  
  METHOD LIF\_ADDRESS~SET\_ADDRESS.  
    STREETNO   = IM\_STREETNO.  
    BLDG\_NAME = IM\_BLDG\_NAME.  
    ZIP\_CODE = IM\_ZIPCODE.  
  ENDMETHOD.  
  
  METHOD DISPLAY\_ATTRIBUTES.  
\*   Displays all employees and there wage  
    WRITE: / 'List of Employees'.  
    WRITE: / NO, NAME, WAGE.  
    WRITE: / 'Address of Employees'.  
    WRITE: / STREETNO , BLDG\_NAME, ZIP\_CODE.  
  ENDMETHOD.  
  
ENDCLASS.  
  
DATA EMPLOYEE1  TYPE REF TO EMPLOYEE.  
  
START-OF-SELECTION.  
  CREATE OBJECT EMPLOYEE1.  
  CALL METHOD EMPLOYEE1->LIF\_EMPLOYEE~SET\_ATTRIBUTES  
    EXPORTING  
      IM\_EMPLOYEE\_NO   = 1  
      IM\_EMPLOYEE\_NAME = 'Karen Johnson'  
      IM\_WAGE          = 1250.  
  CALL METHOD EMPLOYEE1->LIF\_ADDRESS~SET\_ADDRESS  
    EXPORTING  
      IM\_STREETNO  = 1056  
      IM\_BLDG\_NAME = 'Anandvan'  
      IM\_ZIPCODE   = 400908.  
  CALL METHOD EMPLOYEE1->DISPLAY\_ATTRIBUTES. 