Create an ALV report using CL\_SALV\_TABLE to provide the following functionality  
a. Selection screen to take multiple material numbers as input  
b. Display the material (MARC-MATNR) and plant (MARC-WERKS) data from MARC table  
c. When double clicking on Material Number, display all the plants to which the selected material belongs  
d. When double clicking on Plant, display all the materials belonging to the selected plant

CLASS mahe DEFINITION.  
  
 PUBLIC SECTION.  
  
 METHODS:  
 on\_double\_click FOR EVENT DOUBLE\_CLICK OF cl\_salv\_events\_table  
 IMPORTING row column.  
  
  
  
  
  
ENDCLASS.  
DATA : t\_materials TYPE STANDARD TABLE OF marc,  
 t\_plants TYPE STANDARD TABLE OF marc.  
DATA : o\_alv TYPE REF TO cl\_salv\_table,  
 lo\_events TYPE REF TO mahe.  
 DATA: it\_material TYPE marc-matnr,  
 it\_plant TYPE marc-werks.  
  
CLASS mahe IMPLEMENTATION.  
  
 METHOD on\_double\_click.  
  
  
 CASE column.  
 WHEN 'MATERIAL'. *" Double\_click on materail number*  
 READ TABLE t\_plants INDEX row INTO it\_plant.  
   
  
 WHEN 'PLANT'.  
 READ TABLE t\_materials INDEX row INTO it\_material.  
  
  
 ENDCASE.  
 ENDMETHOD.  
ENDCLASS.  
  
  
data:it\_marc TYPE STANDARD TABLE OF marc.  
  
data:v\_matnr TYPE matnr.  
SELECT-OPTIONS s\_matnr for v\_matnr.  
  
START-OF-SELECTION.  
SELECT \* INTO TABLE it\_marc from marc where matnr IN s\_matnr.  
 cl\_salv\_table=>factory(  
  
 IMPORTING  
 r\_salv\_table = o\_alv *" Basis Class Simple ALV Tables*  
 CHANGING  
 t\_table = it\_marc  
 ).  
  
 o\_alv->display( ).

