Requirement: To change change 10k to 100k records or materials Division-SPART in MM03 DISPLAY MATERIAL.

&-- *& Report ZDE_MAT_BAPI2 &-- *& &-- REPORT ZDE_MAT_BAPI2.
******************* DATA DECLARATION INCLUDE-----------------------
TABLES : mara, marc, makt.
DATA : lt_mara TYPE STANDARD TABLE OF mara, "BAPI_MARM,
        wa_mara TYPE mara, "BAPI_MARM,
         lt_return TYPE STANDARD TABLE OF bapiret2,
        wa_return TYPE bapiret2,
        lt_header TYPE TABLE OF bapimathead,
        wa_header TYPE bapimathead,
        wa_clientdata TYPE bapi_mara,
        wa_clientdatax TYPE bapi_marax,
        lt_output TYPE STANDARD TABLE OF bapi_marm,
        wa_output TYPE bapi_marm,
        lt_outputx TYPE STANDARD TABLE OF bapi_marmx,
        wa_outputx TYPE bapi_marmx.

***** ----------------SELECTION SCREEN INCLUDE--------------"""""""
SELECT-OPTIONS : s_matnr FOR mara-matnr.
PARAMETERS : p_ntgew TYPE mara-ntgew. " ntgew - NET WEIGHT

******MASTER PROGRAM EVENT
START-OF-SELECTION.

***---------------DATA VALIDATION INCLUDE-----------------""""""""" ""
CALLED IN MP WITH PERFORM

 SELECT *
FROM mara
INTO TABLE lt_mara
WHERE matnr IN s_matnr. "" here we can put multiple sales order

```abap
IF lt_mara IS INITIAL.
  MESSAGE 'Data is Invalid' TYPE 'E'.

ENDIF.
```

**=====SUBROUTINE FOR BAPI -------------CALLED IN MP WITH SECOND PERFORM

```abap
LOOP AT lt_mara INTO wa_mara.

wa_header-material = wa_mara-matnr.
wa_clientdata-net_weight = p_ntgew.
wa_clientdatax-net_weight = 'X'.


CALL FUNCTION 'BAPI_MATERIAL_SAVEDATA'
EXPORTING
headdata = wa_header
clientdata = wa_clientdata
clientdatax = wa_clientdatax
IMPORTING
return = wa_return.


WRITE : wa_return-message. ""wa_return-message → Displays the error message.


CALL FUNCTION 'BAPI_TRANSACTION_COMMIT'.

READ TABLE lt_return INTO wa_return WITH KEY type = 'E'.
" Searches for the first occurrence of an error message (E)
""lt_return → Internal table containing multiple messages of type BAPIRET2.
IF sy-subrc = 0. ""Indicates that an error message was found.
WRITE: 'Error Found:', wa_return-message.
ELSE.
```

```
SORT lt_return BY type.
READ TABLE lt_return INTO wa_return WITH KEY type = 'S'.
BINARY SEARCH.

IF sy-subrc <> 0.
DELETE lt_mara WHERE matnr = wa_mara-matnr.
ELSE.
 WRITE: 'Material Number:',wa_mara-matnr, 'Updated Successfully'.
ENDIF.
CLEAR wa_mara.
ENDLOOP.
```