*\*Creating a program that utilises function modules to add to SAP tables*

*\*Parameters being created- The type is the domain of the table values…*

*\*Eg ZID is the key and the table value for ID*

Parameters:  
ID type ZID,  
NAME type ZFIRSTNAME,  
ROLE type ZROLE,  
ZPHONE type ZNUMBER,  
functype type String.  
  
  
 data : ev\_message type bapiret2.  
  
*\*Here I am calling the function created*

CALL FUNCTION 'Z\_FM\_CHRIS\_CRUD'

*\*Exporting the parameters created in this program – id, name , role etc.  
\* iv\_zid, iv\_zfirstname etc all represent the values in the function module that will be associated with id etc.*

EXPORTING  
 iv\_zid = id  
 iv\_zfirstname = name  
 iv\_zrole = role  
 iv\_znumber = ZPHONE  
 iv\_zfunc = functype

IMPORTING  
 EV\_MESSAGE = ev\_message.  
   
  
*\*Checking if the addition was successfull*

IF sy-subrc = 0.  
  
write : 'Successfully inserted in the db / table'.  
ENDIF.

FUNCTION Z\_FM\_CHRIS\_CRUD.  
*\*"----------------------------------------------------------------------*  
*\*"\*"Local Interface:*  
*\*" IMPORTING*  
*\*" REFERENCE(IV\_ZID) TYPE ZID*  
*\*" REFERENCE(IV\_ZFIRSTNAME) TYPE ZFIRSTNAME*  
*\*" REFERENCE(IV\_ZROLE) TYPE ZROLE*  
*\*" REFERENCE(IV\_ZNUMBER) TYPE ZNUMBER*  
*\*" REFERENCE(IV\_ZFUNC) TYPE STRING*  
*\*" EXPORTING*  
*\*" REFERENCE(EV\_MESSAGE) TYPE BAPIRET2*  
*\*"----------------------------------------------------------------------*  
  
*\*\*\*\*\*START INSERT INTO TABLE ZEMPLOYEE\*\*\*\*\**  
  
*\* creating a copy itab of my Zemployee table*   
DATA:  
 ZEMPLOYEE\_wa TYPE ZEMPLOYEE.  
  
  
*\*Here we setting the table values*   
  
zemployee\_wa-id = iv\_zid.  
zemployee\_wa-name = iv\_zfirstname.  
zemployee\_wa-role = iv\_zrole.  
zemployee\_wa-zphone = iv\_znumber.  
  
*\*\* checking if the user wants to update delete or insert*  
  
if iv\_zfunc = 'INSERT'.  
Insert zemployee From ZEMPLOYEE\_wa.  
elseif iv\_zfunc = 'UPDATE'.  
 UPDATE zemployee from ZEMPLOYEE\_wa.  
elseif iv\_zfunc = 'DELETE'.  
 DELETE zemployee from ZEMPLOYEE\_wa.  
ENDIF.  
  
  
  
  
*\*\*\*\*\*START INSERT INTO TABLE ZEMPLOYEE\*\*\*\*\**  
  
ENDFUNCTION.