--Check whether all textbox are inserted

If :PRODUCT\_INSERT\_S.PRODUCT\_NAME is NULL or :PRODUCT\_INSERT\_S.PRODUCT\_DESCRIPTION is NULL

or :PRODUCT\_INSERT\_S.PRODUCT\_PRICE is NULL or :PRODUCT\_INSERT\_S.PRODUCT\_TYPE is NULL Then

Message('Please fill in the missing information!');

RAISE FORM\_TRIGGER\_FAILURE;

Else NULL;

End if;

DECLARE

PRO\_NAME\_COUNT NUMBER(3,0);

BEGIN

SELECT COUNT(\*) INTO PRO\_NAME\_COUNT FROM PRODUCT

WHERE LOWER(PRODUCT\_NAME)=LOWER(:PRODUCT\_INSERT\_S.PRODUCT\_NAME);

IF PRO\_NAME\_COUNT>0 THEN

MESSAGE('This product had already been inserted. Please go to Product Update.');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE NULL;

END IF;

END;

DECLARE

Current\_PRODUCT\_ID number(10,0);

New\_PRODUCT\_ID number (10,0);

BEGIN

--Generate PRODUCT\_ID

SELECT MAX (PRODUCT\_ID) INTO Current\_PRODUCT\_ID FROM PRODUCT;

New\_PRODUCT\_ID:=Current\_PRODUCT\_ID+1;

--Insert data in the database

INSERT INTO PRODUCT (PRODUCT\_ID,PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE, PRODUCT\_TYPE)

VALUES(New\_PRODUCT\_ID,

LOWER(:PRODUCT\_INSERT\_S.PRODUCT\_NAME),

:PRODUCT\_INSERT\_S.PRODUCT\_DESCRIPTION,

:PRODUCT\_INSERT\_S.PRODUCT\_PRICE,

LOWER(:PRODUCT\_INSERT\_S.PRODUCT\_TYPE));

MESSAGE('The product '||:PRODUCT\_INSERT\_S.PRODUCT\_NAME|| ' has been created');

forms\_ddl('Commit');

GO\_BLOCK('PRODUCT\_INSERT\_S');

CLEAR\_BLOCK(no\_validate);

END;