DECLARE

i NUMBER (1);

ResultCount NUMBER(3);

BEGIN

IF :SEARCH\_PRO\_S.PRODUCT\_SEARCH IS NULL THEN

message('You do not insert any search criteria');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

SELECT COUNT(PRODUCT\_NAME) INTO ResultCount FROM PRODUCT WHERE

LOWER(PRODUCT\_NAME) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_ID) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_STATUS) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_PRICE) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_TYPE) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%';

IF ResultCount=0 THEN

message('No product are found based on your criteria.');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

i:=1;

GO\_BLOCK('SEARCH\_PRO\_LIST');

CLEAR\_BLOCK(no\_validate);

First\_Record;

FOR i IN 1..ResultCount

LOOP

GO\_BLOCK('SEARCH\_PRO\_LIST');

SELECT PRODUCT\_ID, PRODUCT\_NAME, PRODUCT\_PRICE, PRODUCT\_TYPE,PRODUCT\_STATUS

INTO :SEARCH\_PRO\_LIST.PRODUCT\_ID, :SEARCH\_PRO\_LIST.PRODUCT\_NAME, :SEARCH\_PRO\_LIST.PRODUCT\_PRICE,

:SEARCH\_PRO\_LIST.PRODUCT\_TYPE,:SEARCH\_PRO\_LIST.PRODUCT\_STATUS

FROM ( select PRODUCT\_ID, PRODUCT\_NAME, PRODUCT\_PRICE, PRODUCT\_TYPE,PRODUCT\_STATUS

, rownum RN from PRODUCT

WHERE LOWER(PRODUCT\_NAME) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_ID) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_STATUS) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_PRICE) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%'

OR LOWER(PRODUCT\_TYPE) LIKE'%'||LOWER(:SEARCH\_PRO\_S.PRODUCT\_SEARCH)||'%')

WHERE RN=i;

Next\_Record;

END LOOP;

First\_Record;

GO\_BLOCK('SEARCH\_PRO\_S');

CLEAR\_BLOCK(no\_validate);

END;