**1)Homepage search**

DECLARE

i NUMBER (1);

ResultCount NUMBER(3);

BEGIN

IF :HOMEPAGE.HP\_SEARCH IS NULL THEN

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

RAISE form\_trigger\_failure;

ELSE null;

END IF;

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

LOWER(PROD\_NAME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%';

IF ResultCount=0 THEN

message('No liquar are found base on your criteria');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

i:=1;

GO\_BLOCK('SEARCHRESULT');

CLEAR\_BLOCK(no\_validate);

First\_Record;

FOR i IN 1..ResultCount

LOOP

GO\_BLOCK('SEARCHRESULTLIST\_V');

SELECT PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

INTO :SEARCHRESULTLIST\_V.PROD\_NAME, :SEARCHRESULTLIST\_V.PROD\_REGION, :SEARCHRESULTLIST\_V.PROD\_COUNTRY, :SEARCHRESULTLIST\_V.PROD\_PRICE

FROM ( select PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

, rownum RN from PRODUCT WHERE LOWER(PROD\_NAME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:HOMEPAGE.HP\_SEARCH)||'%')

WHERE RN=i;

Next\_Record;

END LOOP;

First\_Record;

Go\_Block('SEARCHRESULT');

END;

**2)Search page Search**

DECLARE

i NUMBER (1);

ResultCount NUMBER(3);

BEGIN

GO\_BLOCK('SEARCHRESULTLIST\_V');

CLEAR\_BLOCK(no\_validate);

IF :SEARCHRESULT.SR\_SEARCH IS NULL THEN

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

RAISE form\_trigger\_failure;

ELSE null;

END IF;

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

LOWER(PROD\_NAME) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%';

IF ResultCount=0 THEN

message('No liquar are found base on your criteria');

RAISE form\_trigger\_failure;

ELSE null;

END IF;

i:=1;

First\_Record;

FOR i IN 1..ResultCount

LOOP

GO\_BLOCK('SEARCHRESULTLIST\_V');

SELECT PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

INTO :SEARCHRESULTLIST\_V.PROD\_NAME, :SEARCHRESULTLIST\_V.PROD\_REGION, :SEARCHRESULTLIST\_V.PROD\_COUNTRY, :SEARCHRESULTLIST\_V.PROD\_PRICE

FROM ( select PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE

, rownum RN from PRODUCT WHERE LOWER(PROD\_NAME) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_REGION) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_COUNTRY) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_PRICE) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_VOLUME) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%'

OR LOWER(PROD\_SWEET) LIKE'%'||LOWER(:SEARCHRESULT.SR\_SEARCH)||'%')

WHERE RN=i;

Next\_Record;

END LOOP;

First\_Record;

GO\_BLOCK('SEARCHRESULT');

CLEAR\_BLOCK(no\_validate);

END;

**3)Search page back to homepage**

GO\_BLOCK('HOMEPAGE');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('SEARCHRESULTLIST\_V');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('HOMEPAGE');

**4)Search result View Detail**

SELECT PROD\_NAME, PROD\_REGION,PROD\_COUNTRY,PROD\_PRICE,PROD\_VOLUME,PROD\_DESC,PROD\_SWEET

INTO :PRODUCTDETAILS.PD\_PRO\_NAME, :PRODUCTDETAILS.PD\_PRO\_BRAND, :PRODUCTDETAILS.PD\_PRO\_ORIGIN, :PRODUCTDETAILS.PD\_PRO\_PRICE,:PRODUCTDETAILS.PD\_PRO\_VOLUME,:PRODUCTDETAILS.PD\_PRO\_DESCRIPTION,:PRODUCTDETAILS.PD\_PRO\_SWEETNESS

FROM PRODUCT

WHERE PROD\_NAME = :SEARCHRESULTLIST\_V.PROD\_NAME;

Go\_block ('PRODUCTDETAILS');

message(:PRODUCTDETAILS.PD\_PRO\_NAME);

**5)Product Detail**

Go\_Block('SEARCHRESULT');