WELCOME\_C\_T ORDER HERE

GO\_BLOCK('MAINPAGE\_C');

MAINPAGE\_MEM\_C\_T PRODUCT LIST

DECLARE

PRONAME VARCHAR2(100);

DESCRIPTION VARCHAR2(300);

PRICE NUMBER(20);

RESULT NUMBER(3);

I NUMBER(3);

STAR NUMBER (3);

BEGIN

GO\_BLOCK('MILKTEA\_C');

CLEAR\_BLOCK(no\_validate);

I := 1;

FIRST\_RECORD;

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

PRODUCT\_TYPE = LOWER('MILK TEA');

FOR I IN 1..RESULT

LOOP

GO\_BLOCK('MILKTEA\_C');

SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE

INTO :MILKTEA\_C.PRODUCT\_NAME, :MILKTEA\_C.PRODUCT\_DESCRIPTION, :MILKTEA\_C.PRODUCT\_PRICE

FROM (SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE, rownum RN FROM PRODUCT

WHERE PRODUCT\_TYPE = LOWER('MILK TEA'))

WHERE RN = I;

IF I<RESULT THEN

NEXT\_RECORD;

END IF;

END LOOP;

GO\_BLOCK('MILKFOAMTEA\_C');

CLEAR\_BLOCK(no\_validate);

I := 1;

FIRST\_RECORD;

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

PRODUCT\_TYPE = LOWER('MILK FOAM TEA');

FOR I IN 1..RESULT

LOOP

GO\_BLOCK('MILKFOAMTEA\_C');

SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE

INTO :MILKFOAMTEA\_C.PRODUCT\_NAME, :MILKFOAMTEA\_C.PRODUCT\_DESCRIPTION, :MILKFOAMTEA\_C.PRODUCT\_PRICE

FROM (SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE, rownum RN FROM PRODUCT

WHERE PRODUCT\_TYPE = LOWER('MILK FOAM TEA'))

WHERE RN = I;

IF I<RESULT THEN

NEXT\_RECORD;

END IF;

END LOOP;

GO\_BLOCK('BREWEDTEA\_C');

CLEAR\_BLOCK(no\_validate);

I := 1;

FIRST\_RECORD;

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

PRODUCT\_TYPE = LOWER('BREWED TEA');

FOR I IN 1..RESULT

LOOP

GO\_BLOCK('BREWEDTEA\_C');

SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE

INTO :BREWEDTEA\_C.PRODUCT\_NAME, :BREWEDTEA\_C.PRODUCT\_DESCRIPTION, :BREWEDTEA\_C.PRODUCT\_PRICE

FROM (SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE, rownum RN FROM PRODUCT

WHERE PRODUCT\_TYPE = LOWER('BREWED TEA'))

WHERE RN = I;

IF I<RESULT THEN

NEXT\_RECORD;

END IF;

END LOOP;

GO\_BLOCK('SELECTEDTEA\_C');

CLEAR\_BLOCK(no\_validate);

I := 1;

FIRST\_RECORD;

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

PRODUCT\_TYPE = LOWER('SELECTED TEA');

FOR I IN 1..RESULT

LOOP

GO\_BLOCK('SELECTEDTEA\_C');

SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE

INTO :SELECTEDTEA\_C.PRODUCT\_NAME, :SELECTEDTEA\_C.PRODUCT\_DESCRIPTION, :SELECTEDTEA\_C.PRODUCT\_PRICE

FROM (SELECT PRODUCT\_NAME, PRODUCT\_DESCRIPTION, PRODUCT\_PRICE, rownum RN FROM PRODUCT

WHERE PRODUCT\_TYPE = LOWER('SELECTED TEA'))

WHERE RN = I;

IF I<RESULT THEN

NEXT\_RECORD;

END IF;

END LOOP;

SELECT MEM\_STAR INTO STAR FROM MEMBER

WHERE :MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB = MEM\_UNAME;

:REDEEM\_C.PTS\_EARNED := STAR;

GO\_BLOCK('PROLIST\_C');

END;

MAINPAGE\_MEM\_C\_T SHOPPING CART

GO\_BLOCK('SC\_C');

MAINPAGE\_MEM\_C\_T LOGOUT

DECLARE

return\_value number;

BEGIN

GO\_BLOCK('SCLIST\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('REDEEM\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('FAV\_PRODUCT\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('SC\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

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

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('MILKTEA\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('MILKFOAMTEA\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('BREWEDTEA\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('SELECTEDTEA\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('MEMBER\_LOGIN\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('CONORDER\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('TRANS\_COMPLETE\_MEM\_C’);

CLEAR\_BLOCK(NO\_VALIDATE);

GO\_BLOCK('SEARCH\_C’)

CLEAR\_BLOCK(NO\_VALIDATE);

SET\_ALERT\_PROPERTY('LOGOUT\_ALERT',alert\_message\_text,'Logout Successfully!');

return\_value :=show\_alert('LOGOUT\_ALERT');

GO\_BLOCK('WELCOME\_C');

CLEAR\_BLOCK(NO\_VALIDATE);

End;

MEMBER\_LOGIN\_C MEM\_PASSWORD\_TXB

\*property palette → conceal data = “yes”

Begin

SET\_ITEM\_PROPERTY(:MEMBER\_LOGIN\_C.MEM\_PASSWORD\_TXB, CONCEAL\_DATA, PROPERTY\_TRUE);

END;

MILKTEA\_C ADD

DECLARE

PRICE NUMBER(20);

TOTALAMOUNT NUMBER(20);

J NUMBER(3);

STARS NUMBER(20);

username\_count number(20);

RN NUMBER(3);

BEGIN

GO\_BLOCK ('SCLIST\_C');

FIRST\_RECORD;

--LAST\_RECORD;

FOR J IN 1..1

LOOP

LAST\_RECORD;

NEXT\_RECORD;

GO\_BLOCK('MILKTEA\_C');

:SCLIST\_C.PRODUCT\_NAME := :MILKTEA\_C.PRODUCT\_NAME;

GO\_BLOCK('SCLIST\_C');

:SCLIST\_C.QUANTITY := 1;

:SCLIST\_C.DETAIL\_TEMPERATURE := 'ICED';

:SCLIST\_C.DETAIL\_COLDNESS := 'ORIGINAL';

:SCLIST\_C.DETAIL\_SWEETNESS := 'ORIGINAL';

:SCLIST\_C.DETAIL\_ADDPARTS := 'N/A';

:SCLIST\_C.PRODUCT\_PRICE := :MILKTEA\_C.PRODUCT\_PRICE;

NEXT\_RECORD;

END LOOP;

DECLARE

correct\_pw varchar2(20);

username\_count number(3,0);

RETURN\_VALUE number;

star number(5);

FAVTYPE VARCHAR2(50);

FAV\_COUNT VARCHAR2(50);

Begin

If :MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB is null then

SET\_ALERT\_PROPERTY('LOGIN\_ALERT',ALERT\_MESSAGE\_TEXT,'Please enter username');

RETURN\_VALUE := SHOW\_ALERT('LOGIN\_ALERT');

RAISE FORM\_TRIGGER\_FAILURE;

ELSE

If :MEMBER\_LOGIN\_C.MEM\_PASSWORD\_TXB is null then

SET\_ALERT\_PROPERTY('LOGIN\_ALERT',ALERT\_MESSAGE\_TEXT,'Please enter password');

RETURN\_VALUE := SHOW\_ALERT('LOGIN\_ALERT');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

SELECT COUNT(\*) INTO username\_count from MEMBER

where MEM\_UNAME=:MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB;

IF username\_count = 0 then

SET\_ALERT\_PROPERTY('LOGIN\_ALERT',ALERT\_MESSAGE\_TEXT,'Password and username are not matched');

RETURN\_VALUE := SHOW\_ALERT('LOGIN\_ALERT');

RAISE FORM\_TRIGGER\_FAILURE;

ELSIF username\_count =1 then

Select MEM\_PW into correct\_pw from MEMBER

where MEM\_UNAME=:MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB;

IF correct\_pw = :MEMBER\_LOGIN\_C.MEM\_PASSWORD\_TXB THEN

SELECT MEM\_STAR into star from MEMBER WHERE MEM\_UNAME=:MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB;

GO\_BLOCK('REDEEM\_C');

:REDEEM\_C.PTS\_EARNED:= star;

GO\_BLOCK('MAINPAGE\_MEM\_C');

Else

SET\_ALERT\_PROPERTY('LOGIN\_ALERT',ALERT\_MESSAGE\_TEXT,'Password and username are not matched');

RETURN\_VALUE := SHOW\_ALERT('LOGIN\_ALERT');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

SELECT MEM\_FAV INTO FAV\_COUNT from MEMBER

where MEM\_UNAME=:MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB;

IF FAV\_COUNT is null THEN

SELECT PRO\_NAME, PRO\_DESC, PRO\_TYPE,PRO\_PRICE

INTO :FAV\_PRODUCT\_C.PRODUCT\_NAME,

:FAV\_PRODUCT\_C.PRODUCT\_DESCRIPTION,

:FAV\_PRODUCT\_C.PRODUCT\_TYPE,

:FAV\_PRODUCT\_C.PRODUCT\_PRICE

FROM(SELECT DISTINCT PRO\_ID, PRO\_NAME,PRO\_DESC,PRO\_PRICE, PRO\_TYPE,TOTAL\_SALES,ROWNUM RN

FROM(SELECT DETAIL.PRODUCT\_ID PRO\_ID, PRODUCT\_NAME PRO\_NAME, PRODUCT\_DESCRIPTION PRO\_DESC,PRODUCT\_PRICE PRO\_PRICE,PRODUCT\_TYPE PRO\_TYPE, SUM(DETAIL\_QUANTITY) TOTAL\_SALES

FROM DETAIL, PRODUCT

WHERE DETAIL.PRODUCT\_ID = PRODUCT.PRODUCT\_ID --and PRODUCT\_TYPE = FAVTYPE

GROUP BY DETAIL.PRODUCT\_ID,PRODUCT.PRODUCT\_NAME, PRODUCT.PRODUCT\_TYPE,PRODUCT\_DESCRIPTION,PRODUCT\_PRICE

ORDER BY TOTAL\_SALES DESC))

WHERE RN = 1;

ELSE

SELECT MEM\_FAV INTO FAVTYPE FROM MEMBER WHERE MEM\_UNAME=:MEMBER\_LOGIN\_C.MEM\_USERNAME\_TXB;

SELECT PRO\_NAME, PRO\_DESC, PRO\_TYPE,PRO\_PRICE

INTO :FAV\_PRODUCT\_C.PRODUCT\_NAME,

:FAV\_PRODUCT\_C.PRODUCT\_DESCRIPTION,

:FAV\_PRODUCT\_C.PRODUCT\_TYPE,

:FAV\_PRODUCT\_C.PRODUCT\_PRICE

FROM(SELECT DISTINCT PRO\_ID, PRO\_NAME,PRO\_DESC,PRO\_PRICE, PRO\_TYPE,TOTAL\_SALES,ROWNUM RN

FROM(SELECT DETAIL.PRODUCT\_ID PRO\_ID, PRODUCT\_NAME PRO\_NAME, PRODUCT\_DESCRIPTION PRO\_DESC,PRODUCT\_PRICE PRO\_PRICE,PRODUCT\_TYPE PRO\_TYPE, SUM(DETAIL\_QUANTITY) TOTAL\_SALES

FROM DETAIL, PRODUCT

WHERE DETAIL.PRODUCT\_ID = PRODUCT.PRODUCT\_ID and PRODUCT\_TYPE = FAVTYPE

GROUP BY DETAIL.PRODUCT\_ID,PRODUCT.PRODUCT\_NAME, PRODUCT.PRODUCT\_TYPE,PRODUCT\_DESCRIPTION,PRODUCT\_PRICE

ORDER BY TOTAL\_SALES DESC))

WHERE RN = 1;

END IF;

END IF;

END IF;

END;