DECLARE

Current\_ORDER\_ID NUMBER (20);

New\_ORDER\_ID NUMBER(20);

BEGIN

--Generate ORDERS\_ID

SELECT MAX (ORDERS\_ID) INTO Current\_ORDER\_ID FROM ORDERS;

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

INSERT INTO ORDERS (ORDERS\_ID,ORDERS\_STATUS)

VALUES (New\_ORDER\_ID,'Incompleted');

END;

DECLARE

COUNTRECORD NUMBER(3);

i NUMBER(3);

Current\_DETAIL\_ID NUMBER (20);

New\_DETAIL\_ID NUMBER(20);

PROD\_ID NUMBER(20);

ORD\_ID NUMBER(20);

BEGIN

WHILE :SHOPPING\_CART\_S.PRODUCT\_NAME IS NOT NULl LOOP

COUNTRECORD := COUNTRECORD + 1;

NEXT\_RECORD;

END LOOP;

i := 1;

For i in 1..COUNTRECORD

LOOP

--Generate DETAIL\_ID

SELECT MAX (DETAIL\_ID) INTO Current\_DETAIL\_ID FROM DETAIL;

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

SELECT PRODUCT\_ID INTO PROD\_ID FROM PRODUCT WHERE PRODUCT\_NAME = :SHOPPING\_CART\_S.PRODUCT\_NAME;

SELECT MAX(ORDERS\_ID) INTO ORD\_ID FROM ORDERS;

INSERT INTO DETAIL (DETAIL\_ID,DETAIL\_TEMPERATURE,DETAIL\_COLDNESS,DETAIL\_SWEETNESS,DETAIL\_ADDPARTS,DETAIL\_QUANTITY,DETAIL\_STATUS,PRODUCT\_ID,ORDERS\_ID)

VALUES (New\_DETAIL\_ID,:SHOPPING\_CART\_S.DETAIL\_TEMPERATURE,:SHOPPING\_CART\_S.DETAIL\_COLDNESS,:SHOPPING\_CART\_S.DETAIL\_SWEETNESS,:SHOPPING\_CART\_S.DETAIL\_ADDPARTS,:SHOPPING\_CART\_S.DETAIL\_QUANTITY,'INCOMPLETED',PROD\_ID,ORD\_ID);

forms\_ddl('Commit');

END LOOP;

go\_block('TRANS\_COM\_S');

END;

DECLARE

PRICE NUMBER(20);

TOTAL\_AMT NUMBER(20);

STATUS VARCHAR2 (50);

BEGIN

GO\_BLOCK('QUANTITY\_S');

First\_record;

TOTAL\_AMT :=0;

STATUS := 'PENDING';

:PLACE\_ORDER\_S.STATUS := STATUS;

LOOP

GO\_BLOCK('SC\_S');

:SC\_S.PRODUCT\_NAME := :QUANTITY\_S.PRODUCT\_NAME;

:SC\_S.DETAIL\_TEMPERATURE := :QUANTITY\_S.DETAIL\_TEMPERATURE;

:SC\_S.DETAIL\_COLDNESS := :QUANTITY\_S.DETAIL\_COLDNESS;

:SC\_S.DETAIL\_SWEETNESS := :QUANTITY\_S.DETAIL\_SWEETNESS;

:SC\_S.DETAIL\_ADDPARTS := :QUANTITY\_S.DETAIL\_ADDPARTS;

:SC\_S.DETAIL\_QUANTITY := :QUANTITY\_S.DETAIL\_QUANTITY;

SELECT PRODUCT\_PRICE INTO PRICE FROM PRODUCT

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

IF :SC\_S.DETAIL\_ADDPARTS IS NOT NULL THEN

PRICE := PRICE +4;

END IF;

PRICE := PRICE \* :SC\_S.DETAIL\_QUANTITY;

SELECT PRICE INTO :SC\_S.PRODUCT\_PRICE FROM PRODUCT

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

forms\_ddl('Commit');

TOTAL\_AMT := TOTAL\_AMT + :SC\_S.PRODUCT\_PRICE;

:PLACE\_ORDER\_S.TOTAL := TOTAL\_AMT;

NEXT\_RECORD;

GO\_BLOCK('QUANTITY\_S');

EXIT WHEN :SYSTEM.LAST\_RECORD = 'TRUE';

NEXT\_RECORD;

END LOOP;

FIRST\_RECORD;

GO\_BLOCK('SC\_S');

FIRST\_RECORD;

GO\_BLOCK('CONFIRM\_ORD\_S');

END;