-- orders\_ORD\_ID (Given), ORD\_DATE (System Date) , ORD\_AMOUNT (Total Amount), ORD\_STATUS (Packing), CUS\_ID, STA\_ID

-- orders\_line - ORD\_ID (GIVEN), PROD\_ID, ORDL\_QUANTITY

DECLARE

neworder\_id number(11, 0);

largestorder number(11, 0);

CUS\_ID\_SC number;

TEMP\_PROD\_ID NUMBER;

TEMP\_QUANTITY NUMBER;

TEMP\_PROD\_NAME VARCHAR2(300);

BEGIN

SELECT Max(ORD\_ID) INTO largestorder FROM ORDERS;

neworder\_id := largestorder + 1;

SELECT CUS\_ID INTO CUS\_ID\_SC

FROM CUSTOMER

WHERE CUS\_USERNAME = :LOGIN\_C.CL\_USERNAME;

GO\_BLOCK('SHOPPING\_CART\_ORDER');

FIRST\_RECORD;

LOOP

SELECT PROD\_ID INTO TEMP\_PROD\_ID FROM PRODUCT

WHERE :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME = PRODUCT.PROD\_NAME;

SELECT PROD\_QUANTITY

INTO TEMP\_QUANTITY

FROM PRODUCT

WHERE PROD\_ID = TEMP\_PROD\_ID;

SELECT PROD\_NAME

INTO TEMP\_PROD\_NAME

FROM PRODUCT

WHERE PROD\_ID = TEMP\_PROD\_ID;

IF (TEMP\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY) < 0 THEN

MESSAGE('We don''t have enough supplies for ' || TEMP\_PROD\_NAME || '. Please purchase a smaller amount.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

IF (TEMP\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY) = 0 THEN

MESSAGE('Sorry. We are out of stock for ' || TEMP\_PROD\_NAME || '.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

Next\_Record;

EXIT WHEN :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME is NULL;

END LOOP;

GO\_BLOCK('CHECKOUT');

INSERT INTO ORDERS

VALUES( neworder\_id,

SYSDATE,

:CHECKOUT.CO\_TOTALCOST,

'Pending Shipment',

CUS\_ID\_SC,

'00103570562');

forms\_ddl('Commit');

GO\_BLOCK('SHOPPING\_CART\_ORDER');

FIRST\_RECORD;

LOOP

SELECT PROD\_ID INTO TEMP\_PROD\_ID FROM PRODUCT

WHERE :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME = PRODUCT.PROD\_NAME;

INSERT INTO ORDERS\_LINE

(ORD\_ID,

PROD\_ID,

ORDL\_QUANTITY)VALUES

(neworder\_id,

TEMP\_PROD\_ID,

:SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY);

UPDATE PRODUCT

SET PROD\_QUANTITY = PROD\_QUANTITY - :SHOPPING\_CART\_ORDER.CO\_SHOP\_QTY

WHERE :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME = PRODUCT.PROD\_NAME;

forms\_ddl('Commit');

Next\_Record;

EXIT WHEN :SHOPPING\_CART\_ORDER.CO\_PROD\_NAME is NULL;

END LOOP;

DELETE FROM SHOPPING\_CART

WHERE CUS\_ID = CUS\_ID\_SC;

forms\_ddl('Commit');

GO\_BLOCK('THANKYOU');

END;