SELECT ING\_ID,ING\_NAME, Y\*Q ,RN

FROM(

SELECT INGREDIENT.ING\_ID,ING\_NAME, DETAIL\_ID, DETAIL\_QUANTITY AS Y, ING\_QUANTITY AS Q, ROWNUM RN

FROM DETAIL, INGREDIENT

WHERE DETAIL.PRODUCT\_ID = INGREDIENT.PRODUCT\_ID AND DETAIL.DETAIL\_ID = 314

GROUP BY INGREDIENT.ING\_ID,ING\_NAME,DETAIL\_ID, DETAIL\_QUANTITY, ING\_QUANTITY, ROWNUM

ORDER BY RN)

WHERE RN =1

SELECT ING\_ID,ING\_NAME,INVENTORY\_ID, Y\*Q ,RN

FROM(

SELECT INGREDIENT.ING\_ID,ING\_NAME, DETAIL\_ID,INVENTORY.INVENTORY\_ID, DETAIL\_QUANTITY AS Y, ING\_QUANTITY AS Q, ROWNUM RN

FROM DETAIL, INGREDIENT, INVENTORY

WHERE DETAIL.PRODUCT\_ID = INGREDIENT.PRODUCT\_ID AND INVENTORY.INVENTORY\_ID = INGREDIENT.INVENTORY\_ID AND DETAIL.DETAIL\_ID = 314

GROUP BY INGREDIENT.ING\_ID,ING\_NAME,DETAIL\_ID,INVENTORY.INVENTORY\_ID, DETAIL\_QUANTITY, ING\_QUANTITY, ROWNUM

ORDER BY RN)

WHERE RN =1

For 1 detail

SELECT ING\_ID,ING\_NAME,Y\*Q AS Z  
FROM(  
SELECT INGREDIENT.ING\_ID,ING\_NAME, DETAIL\_ID, DETAIL\_QUANTITY AS Y, ING\_QUANTITY AS Q  
FROM DETAIL, INGREDIENT  
WHERE DETAIL.PRODUCT\_ID = INGREDIENT.PRODUCT\_ID AND DETAIL.DETAIL\_ID = 314  
GROUP BY INGREDIENT.ING\_ID,ING\_NAME,DETAIL\_ID, DETAIL\_QUANTITY, ING\_QUANTITY)

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**DECLARE**

**USED\_QUANTITY NUMBER(10);**

**INV\_NUMBER NUMBER(10);**

**ING\_NUMBER NUMBER(10);**

SELECT COUNT(ING\_ID) INTO ING\_NUMBER  
FROM(  
SELECT INGREDIENT.ING\_ID,ING\_NAME, DETAIL\_ID, DETAIL\_QUANTITY AS Y, ING\_QUANTITY AS Q  
FROM DETAIL, INGREDIENT  
WHERE DETAIL.PRODUCT\_ID = INGREDIENT.PRODUCT\_ID AND DETAIL\_ID = New\_DETAIL\_ID

GROUP BY INGREDIENT.ING\_ID,ING\_NAME,DETAIL\_ID, DETAIL\_QUANTITY, ING\_QUANTITY);

FOR i IN 1..ING\_NUMBER

LOOP

SELECT Y\*Q , INVENTORY\_ID

INTO USED\_QUANTITY, INV\_NUMBER

FROM(  
SELECT INGREDIENT.ING\_ID,ING\_NAME, DETAIL\_ID,INVENTORY.INVENTORY\_ID, DETAIL\_QUANTITY AS Y, ING\_QUANTITY AS Q,ROWNUM RN  
FROM DETAIL, INGREDIENT  
WHERE DETAIL.PRODUCT\_ID = INGREDIENT.PRODUCT\_ID

AND INVENTORY.INVENTORY\_ID = INGREDIENT.INVENTORY\_ID

AND DETAIL\_ID = New\_DETAIL\_ID

GROUP BY INGREDIENT.ING\_ID,ING\_NAME,DETAIL\_ID, DETAIL\_QUANTITY, ING\_QUANTITY,ROWNUM)

WHERE RN =1;

UPDATE INVENTORY

SET INVENTORY\_QUANTITY = INVENTORY\_QUANTITY - USED\_QUANTITY

WHERE INVENTORY\_ID = INV\_NUMBER;

END LOOP;