BEGIN  
 GO\_BLOCK('TOP\_5\_PRODUCT');  
END;   
  
DECLARE  
i number(10);  
COUNTROW NUMBER(10);  
  
BEGIN  
CLEAR\_BLOCK(no\_validate);  
GO\_BLOCK('TOP\_5\_PRODUCT');  
  
i:=1;  
GO\_BLOCK('TOP\_5\_PRODUCT');  
FIRST\_RECORD;  
  
  
FOR i in 1..5  
LOOP   
  
SELECT PRO\_ID, PRO\_NAME, PROD\_TYPE,TOTAL\_SALES,RN  
INTO :TOP\_5\_PRODUCT.PRODUCT\_ID,  
 :TOP\_5\_PRODUCT.PRODUCT\_NAME,  
 :TOP\_5\_PRODUCT.PRODUCT\_TYPE,  
 :TOP\_5\_PRODUCT.PRODUCT\_SALES,  
 :TOP\_5\_PRODUCT.RANK\_TB  
   
FROM( SELECT DISTINCT PRO\_ID, PRO\_NAME, PROD\_TYPE,TOTAL\_SALES,ROWNUM RN  
FROM(  
 SELECT DETAIL.PRODUCT\_ID PRO\_ID, PRODUCT\_NAME PRO\_NAME, PRODUCT\_TYPE PROD\_TYPE, SUM(DETAIL\_QUANTITY) TOTAL\_SALES  
 FROM DETAIL, PRODUCT  
 WHERE DETAIL.PRODUCT\_ID = PRODUCT.PRODUCT\_ID  
 GROUP BY DETAIL.PRODUCT\_ID,PRODUCT.PRODUCT\_NAME, PRODUCT.PRODUCT\_TYPE  
 ORDER BY TOTAL\_SALES DESC))  
WHERE RN = i;  
NEXT\_RECORD;  
END LOOP;  
  
FIRST\_RECORD;  
GO\_BLOCK('TOP\_5\_PRODUCT');  
   
message(i);  
END;