BEGIN

GO\_BLOCK('TOP\_5\_MEMBER\_S');

END;

DECLARE

i numBer(1);

COUNT\_MEM NUMBER(10);

BEGIN

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('TOP\_5\_MEMBER\_S');

i:=1;

SELECT Count(\*) MEM\_ID INTO COUNT\_MEM

FROM(

SELECT

MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

RN

FROM(

SELECT

DISTINCT MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

ROWNUM RN

FROM(

SELECT MEMBER.MEM\_ID,

MEMBER.MEM\_NAME,

SUM(ORDERS\_AMOUNT)AS SALES\_AMOUNT

FROM MEMBER ,ORDERS

WHERE MEMBER.MEM\_ID=ORDERS.MEM\_ID

GROUP BY MEMBER.MEM\_ID,MEMBER.MEM\_NAME

ORDER BY SALES\_AMOUNT DESC

)

) );

GO\_BLOCK('TOP\_5\_MEMBER\_S');

FIRST\_RECORD;

IF COUNT\_MEM < 5 THEN

FOR i in 1..COUNT\_MEM

LOOP

SELECT

MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

RN

INTO :TOP\_5\_MEMBER\_S.MEM\_ID,

:TOP\_5\_MEMBER\_S.MEM\_NAME,

:TOP\_5\_MEMBER\_S.SALES\_AMOUNT,

:TOP\_5\_MEMBER\_S.RANK\_C\_TB

FROM(

SELECT

DISTINCT MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

ROWNUM RN

FROM(

SELECT MEMBER.MEM\_ID,

MEMBER.MEM\_NAME,

SUM(ORDERS\_AMOUNT)AS SALES\_AMOUNT

FROM MEMBER ,ORDERS

WHERE MEMBER.MEM\_ID=ORDERS.MEM\_ID

GROUP BY MEMBER.MEM\_ID,MEMBER.MEM\_NAME

ORDER BY SALES\_AMOUNT DESC

)

)

WHERE RN = i;

NEXT\_RECORD;

END LOOP;

ELSIF COUNT\_MEM >= 5 THEN

FOR i in 1..5

LOOP

SELECT

MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

RN

INTO :TOP\_5\_MEMBER\_S.MEM\_ID,

:TOP\_5\_MEMBER\_S.MEM\_NAME,

:TOP\_5\_MEMBER\_S.SALES\_AMOUNT,

:TOP\_5\_MEMBER\_S.RANK\_C\_TB

FROM(

SELECT

DISTINCT MEM\_ID,

MEM\_NAME,

SALES\_AMOUNT,

ROWNUM RN

FROM(

SELECT MEMBER.MEM\_ID,

MEMBER.MEM\_NAME,

SUM(ORDERS\_AMOUNT)AS SALES\_AMOUNT

FROM MEMBER ,ORDERS

WHERE MEMBER.MEM\_ID=ORDERS.MEM\_ID

GROUP BY MEMBER.MEM\_ID,MEMBER.MEM\_NAME

ORDER BY SALES\_AMOUNT DESC

)

)

WHERE RN = i;

NEXT\_RECORD;

END LOOP;

END IF;

FIRST\_RECORD;

GO\_BLOCK('TOP\_5\_MEMBER\_S');

END;