\*rmb change the value of MD\_UPDATE\_MONTH\_S list of element value (11 and 12)

MD\_DAILY\_SALES ADD

Declare

L\_NUM\_RECORDS number (5);

i number(1);

Selected\_date VARCHAR2(30);

return\_value NUMBER;

begin

GO\_BLOCK('DAILY\_SALES\_SELECT');

--HANDLE THE CONDITION OF MISSING INPUT

IF :DAILY\_SALES\_SELECT.DAY\_SELECTED IS NULL OR :DAILY\_SALES\_SELECT.MONTH\_SELECTED IS NULL OR :DAILY\_SALES\_SELECT.YEAR\_SELECTED IS NULL THEN

MESSAGE('Please fill in the date of retrieval.');

MESSAGE('Please fill in the date of retrieval.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

--SALES AMOUNT OF THE DAY

Selected\_date:= TO\_CHAR(:DAILY\_SALES\_SELECT.DAY\_SELECTED||'-'||:DAILY\_SALES\_SELECT.MONTH\_SELECTED|| '-'||:DAILY\_SALES\_SELECT.YEAR\_SELECTED);

:MD\_DAILY\_SALES.ORDERS\_DATE:= Selected\_date;

--HANDLE INVALID SELECTED DATE

IF TO\_DATE(Selected\_date,'DD-MM-YYYY') > TO\_DATE(SYSDATE) THEN

MESSAGE('Date of retrieval cannot be a future date.');

MESSAGE('Date of retrieval cannot be a future date.');

:MD\_DAILY\_SALES.ORDERS\_AMOUNT := NULL;

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

GO\_BLOCK('MD\_DAILY\_SALES');

SELECT SUM(ORDERS\_AMOUNT)

INTO :MD\_DAILY\_SALES.ORDERS\_AMOUNT

FROM ORDERS

WHERE ORDERS\_DATE LIKE TO\_date(Selected\_date, 'DD-MM-YYYY');

IF :MD\_DAILY\_SALES.ORDERS\_AMOUNT IS NULL

THEN :MD\_DAILY\_SALES.ORDERS\_AMOUNT := 0;

END IF;

end;

MD\_DAILY\_SALES CLEAR

BEGIN

GO\_BLOCK('MD\_DAILY\_SALES');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('DAILY\_SALES\_SELECT');

CLEAR\_BLOCK(no\_validate);

END;

MD\_MONTHLY\_SALES CLEAR

BEGIN

GO\_BLOCK('MD\_MONTHLY\_SALES');

CLEAR\_BLOCK(no\_validate);

GO\_BLOCK('MD\_UPDATE\_MONTH\_S');

CLEAR\_BLOCK(no\_validate);

END;

MD\_MONTHLY\_SALES ADD

Declare

L\_NUM\_RECORDS number (5);

i number(1);

Selected\_date VARCHAR2 (30);

cnt number(10);

return\_value NUMBER;

begin

GO\_BLOCK('MD\_UPDATE\_MONTH\_S');

--handle missing data

IF :MD\_UPDATE\_MONTH\_S.MONTH\_SELECTED IS NULL OR :MD\_UPDATE\_MONTH\_S.YEAR\_SELECTED IS NULL THEN

MESSAGE('Please fill in the date of retrieval.');

MESSAGE('Please fill in the date of retrieval.');

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

Selected\_date:= TO\_CHAR(:MD\_UPDATE\_MONTH\_S.MONTH\_SELECTED ||'-'||:MD\_UPDATE\_MONTH\_S.YEAR\_SELECTED);

:MD\_MONTHLY\_SALES.ORDERS\_DATE:= Selected\_date;

--handle invalid date

IF TO\_DATE('01-'||Selected\_date,'DD-MM-YYYY') > TO\_DATE(SYSDATE) THEN

MESSAGE('Date of retrieval cannot be a future date');

MESSAGE('Date of retrieval cannot be a future date');

:MD\_MONTHLY\_SALES.ORDERS\_AMOUNT := NULL;

RAISE FORM\_TRIGGER\_FAILURE;

END IF;

GO\_BLOCK('MD\_MONTHLY\_SALES');

IF :MD\_UPDATE\_MONTH\_S.MONTH\_SELECTED IN('01','03','05','07','08','10','12') THEN

SELECT SUM(ORDERS\_AMOUNT)

INTO :MD\_MONTHLY\_SALES.ORDERS\_AMOUNT

FROM ORDERS

WHERE ORDERS\_DATE > TO\_DATE('01-'||Selected\_date,'DD-MM-YYYY') AND ORDERS\_DATE <= TO\_DATE('31-'||Selected\_date,'DD-MM-YYYY');

ELSIF :MD\_UPDATE\_MONTH\_S.MONTH\_SELECTED IN('04','06','09','11') THEN

SELECT SUM(ORDERS\_AMOUNT)

INTO :MD\_MONTHLY\_SALES.ORDERS\_AMOUNT

FROM ORDERS

WHERE ORDERS\_DATE > TO\_DATE('01-'||Selected\_date,'DD-MM-YYYY') AND ORDERS\_DATE <= TO\_DATE('30-'||Selected\_date,'DD-MM-YYYY');

ELSIF :MD\_UPDATE\_MONTH\_S.MONTH\_SELECTED ='02' THEN

SELECT SUM(ORDERS\_AMOUNT)

INTO :MD\_MONTHLY\_SALES.ORDERS\_AMOUNT

FROM ORDERS

WHERE ORDERS\_DATE > TO\_DATE('01-'||Selected\_date,'DD-MM-YYYY') AND ORDERS\_DATE <= TO\_DATE('28-'||Selected\_date,'DD-MM-YYYY');

END IF;

IF :MD\_MONTHLY\_SALES.ORDERS\_AMOUNT IS NULL

THEN :MD\_MONTHLY\_SALES.ORDERS\_AMOUNT := 0;

END IF;

end;