CREATE PROCEDURE MYCURSORFUN2

AS

BEGIN

DECLARE @EID INT;

DECLARE @ENAME VARCHAR(50);

DECLARE @SAL FLOAT;

--DECLARE A CURSOR AND THE QUERY ON WHICH IT IS USED

DECLARE EMPCUR CURSOR FOR

SELECT ID,ENAME,SAL FROM EMPLOYEE;

--OPEN THE CURSOR/RESULTSET --> EMPCUR

OPEN EMPCUR;

SET NOCOUNT ON;

FETCH NEXT FROM EMPCUR INTO @EID,@ENAME,@SAL;

WHILE @@FETCH\_STATUS = 0

BEGIN

PRINT 'CURRENT' + CAST(@EID AS VARCHAR(50)) + ' | ' +@ENAME + '='+ CAST(@SAL AS VARCHAR(50));

IF @SAL>=60000

SET @SAL = @SAL +10000;

ELSE

SET @SAL = @SAL + 5000;

UPDATE EMPLOYEE

SET SAL = @SAL WHERE ID = @EID;

PRINT 'UPDATED' + CAST(@EID AS VARCHAR(50)) + ' | ' +@ENAME + '='+ CAST(@SAL AS VARCHAR(50));

FETCH NEXT FROM EMPCUR INTO @EID,@ENAME,@SAL;

END

CLOSE EMPCUR;

DEALLOCATE EMPCUR;

END

EXEC MYCURSORFUN3;

CREATE DATABASE DAY14;

USE DAY14;

CREATE TABLE BANKACCT

(

ACCTNO INT,

BALANCE FLOAT

);

INSERT INTO BANKACCT VALUES(1,100);

INSERT INTO BANKACCT VALUES(2,200);

INSERT INTO BANKACCT VALUES(3,150);

INSERT INTO BANKACCT VALUES(3,600);

INSERT INTO BANKACCT VALUES(4,700);

INSERT INTO BANKACCT VALUES(5,200);

SELECT \* FROM BANKACCT;

CREATE TABLE TRANSACT

(

DOT DATE,

ACCTNO INT,

PAYMENT FLOAT

);

INSERT INTO TRANSACT VALUES('2021-06-09',1,78);

INSERT INTO TRANSACT VALUES('2021-06-09',2,30);

INSERT INTO TRANSACT VALUES('2021-06-09',3,20);

INSERT INTO TRANSACT VALUES('2021-06-09',4,48);

INSERT INTO TRANSACT VALUES('2021-06-09',4,50);

INSERT INTO TRANSACT VALUES('2021-06-09',1,10);

INSERT INTO TRANSACT VALUES('2021-06-09',5,21);

INSERT INTO TRANSACT VALUES('2021-06-09',6,19);

SELECT \* FROM TRANSACT;

SELECT \* FROM TRANSACT;

SELECT ACCTNO,BALANCE AS CURRENTBALANCE FROM BANKACCT

WHERE ACCTNO IN(1,2,3,4);

UPDATE BANKACCT

SET BALANCE = BALANCE- PAYMENT

FROM BANKACCT

INNER JOIN TRANSACT ON BANKACCT.ACCTNO = TRANSACT.ACCTNO

WHERE BANKACCT.ACCTNO IN(1,2,3,4);

--CHECK THE DUPL0I0C0ATE ENTRIES

WITH CTE(DOT,ACCTNO,PAYMENT)

AS

(

SELECT DOT,ACCTNO,PAYMENT,ROW\_NUMBER() OVER (PARTITION BY DOT,ACCTNO,PAYMENT ORDER BY ACCTNO) AS DUPCNT

FROM TRANSACT)

DELETE FROM CTE

WHERE DUPCNT>1;

CREATE TABLE DEPT(DEPTID INT,DNAME VARCHAR(50));

INSERT INTO DEPT VALUES(1,'ROBOTICS');

INSERT INTO DEPT VALUES(2,'MECHANICS');

INSERT INTO DEPT VALUES(3,'COMPUTERS');

INSERT INTO DEPT VALUES(4,'MEDICINE');

SELECT \* FROM DEPT;

SELECT \* FROM EMPLOYEE;

ALTER TABLE EMPLOYEE ADD DEPTID INT

UPDATE EMPLOYEE SET DEPTID =2 WHERE ID=44;

SELECT \* FROM EMPLOYEE WHERE AGE > ANY(SELECT AGE FROM EMPLOYEE WHERE ENAME='KEERTI');

SELECT \* FROM EMPLOYEE WHERE DEPTID =(SELECT DEPTID FROM DEPT WHERE DNAME='ROBOTICS');

INSERT INTO EMPLOYEE VALUES(88,'ATHARVA',92000,26,2);

SELECT \* FROM EMP\_DETAILS;

SELECT \* FROM DEPT;

CREATE VIEW EMP\_ROBOTICS AS

SELECT A.ID,A.ENAME FROM

EMPLOYEE A WHERE A.DEPTID = 1;

SELECT \* FROM EMP\_ROBOTICS;

DELETE FROM EMP\_ROBOTICS WHERE ID=33;

CREATE PROCEDURE MY\_BANK

AS

BEGIN

DECLARE @ACTNO INT;

DECLARE @PAYMENT FLOAT;

DECLARE MYCUR CURSOR FOR

SELECT ACCTNO,PAYMENT FROM TRANSACT

OPEN MYCUR

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

WHILE @@FETCH\_STATUS = 0

BEGIN

UPDATE BANKACCT

SET BALANCE = BALANCE - @PAYMENT

WHERE ACCTNO = @ACTNO

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

END

CLOSE MYCUR

DEALLOCATE MYCUR

END

EXEC MY\_BANK;ELECT \* FROM EMPLOYEE;

AS

BEGIN

DECLARE @ACTNO INT;

DECLARE @PAYMENT FLOAT;

DECLARE MYCUR CURSOR FOR

SELECT ACCTNO,PAYMENT FROM TRANSACT

OPEN MYCUR

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

WHILE @@FETCH\_STATUS = 0

BEGIN

UPDATE BANKACCT

SET BALANCE = BALANCE - @PAYMENT

WHERE ACCTNO = @ACTNO

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

END

CLOSE MYCUR

DEALLOCATE MYCUR

END

EXEC MY\_BANK;

AS

BEGIN

DECLARE @ACTNO INT;

DECLARE @PAYMENT FLOAT;

DECLARE MYCUR CURSOR FOR

SELECT ACCTNO,PAYMENT FROM TRANSACT

OPEN MYCUR

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

WHILE @@FETCH\_STATUS = 0

BEGIN

UPDATE BANKACCT

SET BALANCE = BALANCE - @PAYMENT

WHERE ACCTNO = @ACTNO

FETCH NEXT FROM MYCUR INTO @ACTNO,@PAYMENT

END

CLOSE MYCUR

DEALLOCATE MYCUR

END

EXEC MY\_BANK;