CSE 4508 – RDBMS Programming Lab

Lab 7

Group 1A

Instructor: Md. Mezbaur Rahman

Create and populate Accounts and AccountProperties table as following:

ID	NAME	ACCCODE	BALANCE	LASTDATEINTEREST
1	Sinister	101	100000	30-DEC-18
2	Dante	102	50000	30-JAN-20
3	RxJax	103	80000	30-DEC-19
4	Badrev	104	150000	01-JUN-20
5	Rafat	105	13000	21-DEC-18

Table 1: Accounts

ID	NAME	IRATE	CP
101	daily	7	1
102	monthly	8	2
103	quarterly	9	3
104	halfyearly	10	4
105	yearly	11	5

Table 2: AccountProperties

Description of the tables:

1. Account Properties **<ID (pk), Name, iRATE (interest rate in percentage), CP (compounding period) >**
   - CP = 1 for daily
   - CP = 2 for monthly
   - CP = 3 for quarterly
   - CP = 4 for half-yearly
   - CP = 5 for yearly
2. Accounts **< ID (pk), Name, AccCode (fk ref to AccountsProperties), Balance, Last Date Interest (date on which last interest was given) >**

Your Tasks are:

A. Insert 5 additional rows in the Accounts table according to your own choice.
B. Write a function to calculate the total amount of profit till date of a particular user given the AccountID
C. Write a procedure to update all accounts current balance (i.e., interest will be calculated and added if it satisfies conditions). Use the traditional cursor loop for this problem.