CSE 4308

Database Management Systems Lab

Lab-05

Group-B

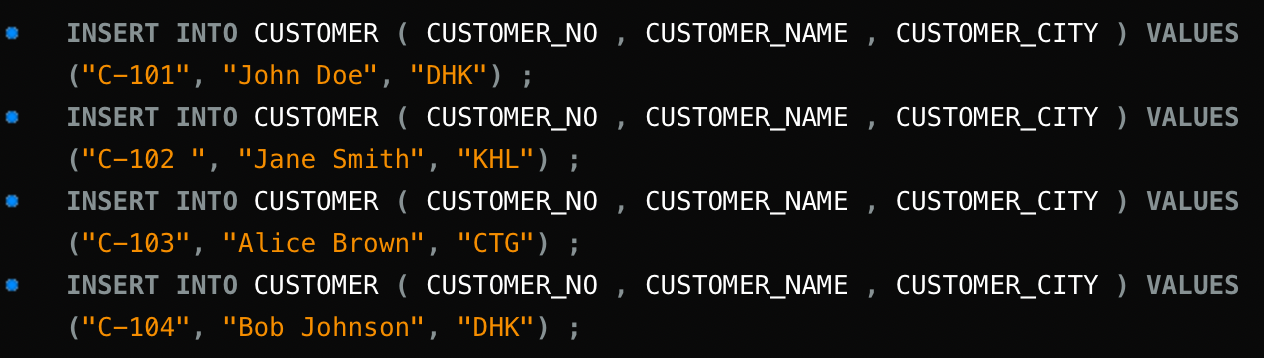
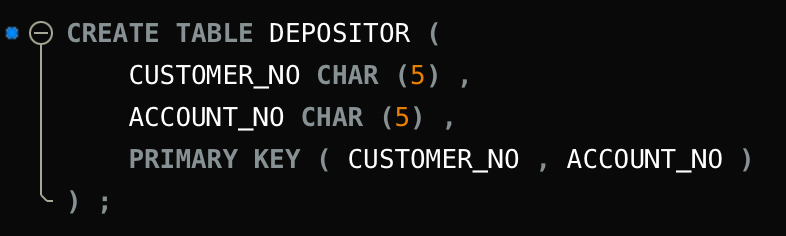
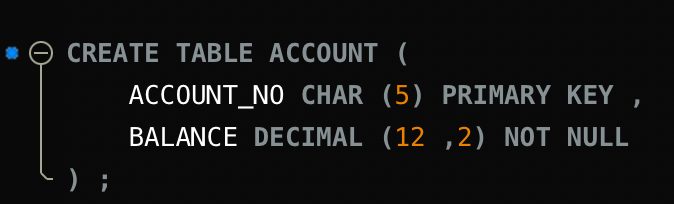
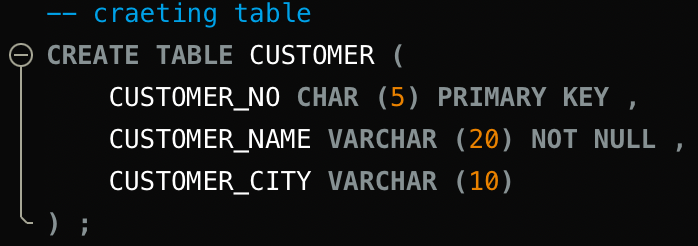
Mohammod Mahbub Ur Rahman

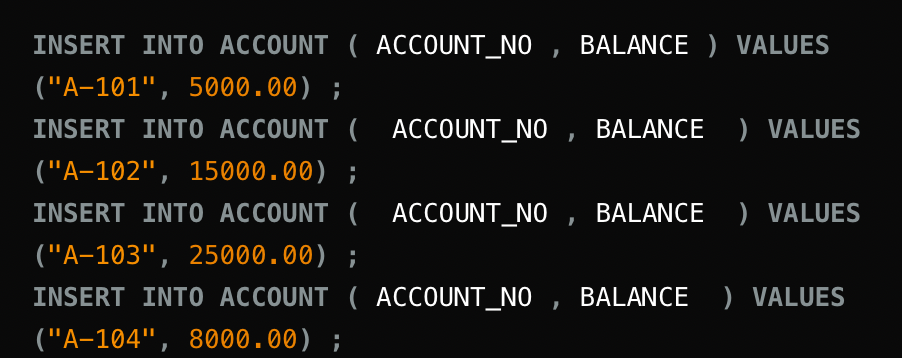
220042148

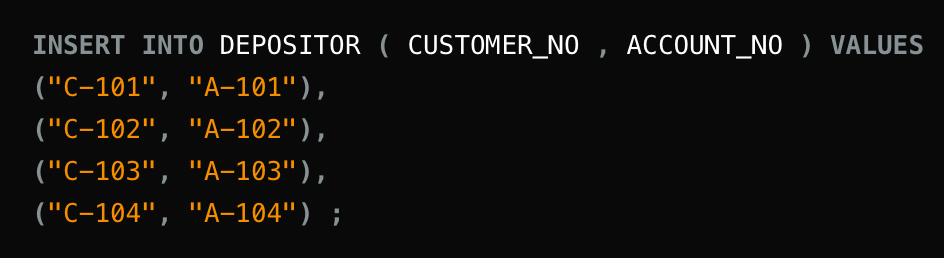
BSc. in Software Engineering

**Task 1**

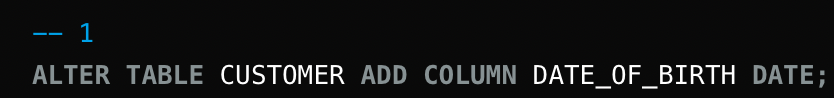
Creating tables and inserting values





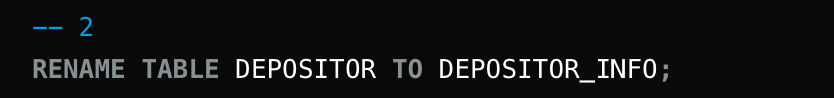


**1.**



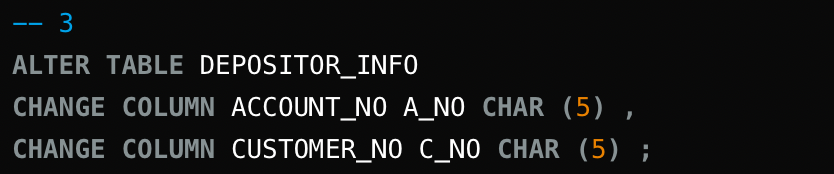
Adding DATE\_OF\_BIRTH column in customer table.

**2.**



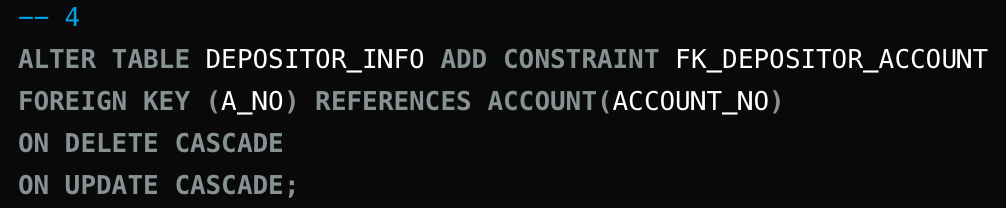
Renaming table DEPOSITOR to DEPOSITOR\_INFO

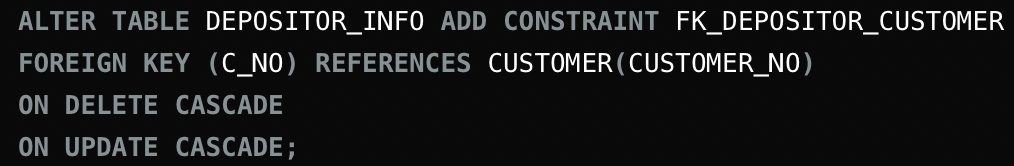
**3.**



Changing the name of the columns in DEPOSITOR\_INFO TABLE.

**4.**



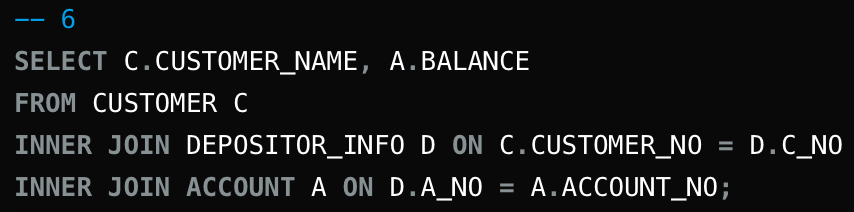
Adding foreign key constraint in the DEPOSITOR\_INFO table. Adding on delete cascade and on update cascade ensures that the update in this table also sync across other table (Account).

**5.**



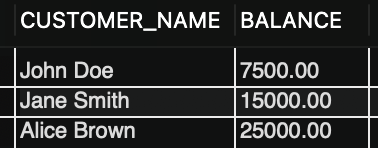
Select all records from customer.

**6.**

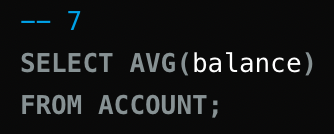


Selecting name and balance of customer by inner joining customer, depositor, account table. Here inner join is achieved by comparing column that have same value.

OUTPUT:

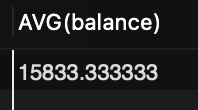


**7.**

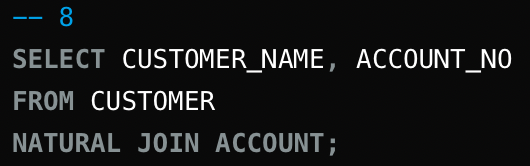


Getting average balance from account table.

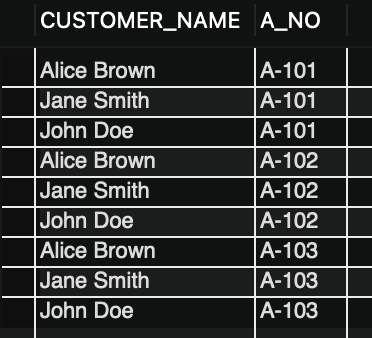
Output:



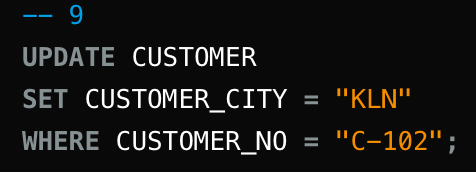
**8.**



Selecting name and account number from customer and account table by natural joining.

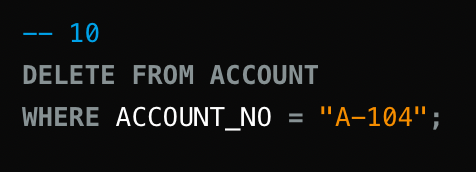


**9.**



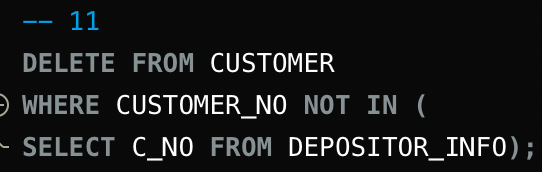
Updating the customer city where customer no is C-102.

**10.**



Deleting the account entry whose account\_no is A-104

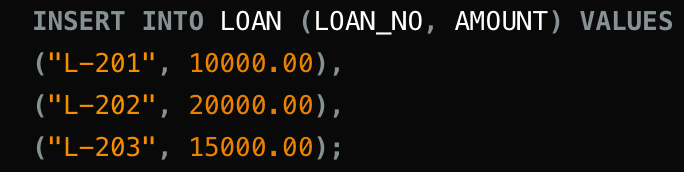
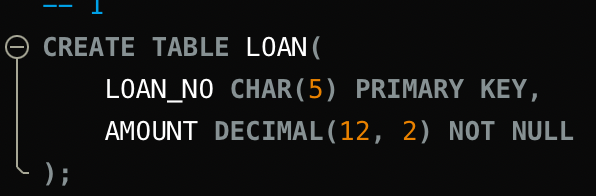
**11.**



Deleting the data from customer table who is not in the depositor\_info table.

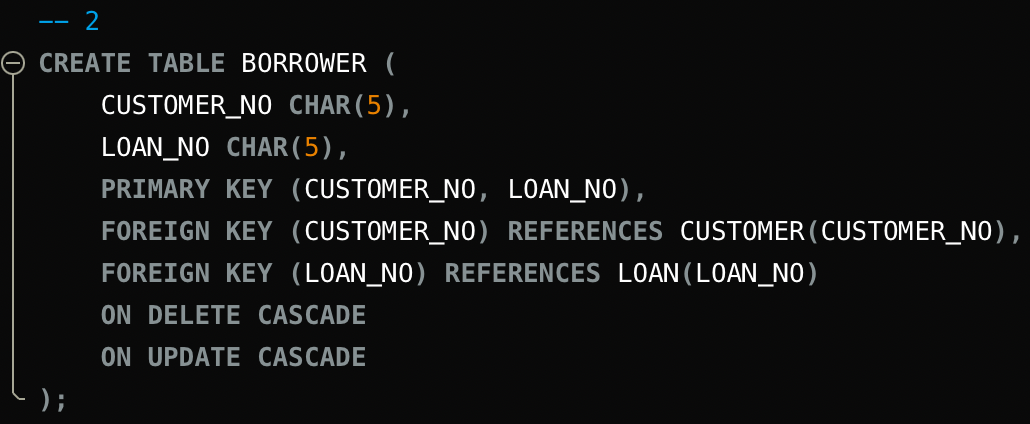
**Task 2**

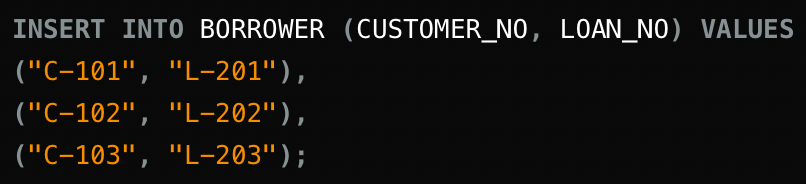
**1.**



Creating loan table and inserting data.

**2.**

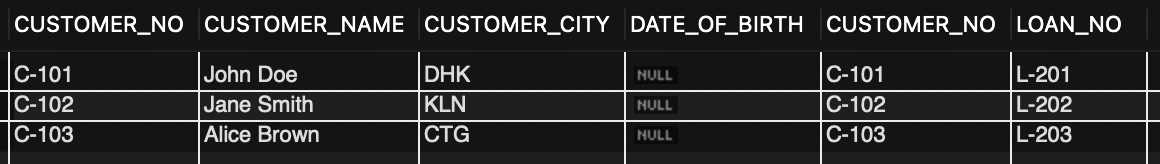


Creating borrower table, adding primary key and foreign key. Then adding data

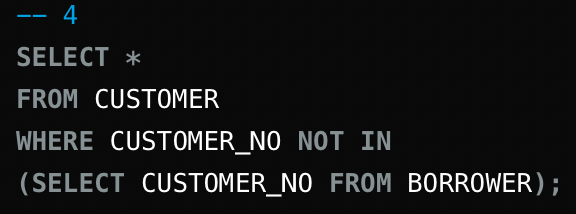
**3.**



Inner joining borrower and customer to find out who have both account and loan.

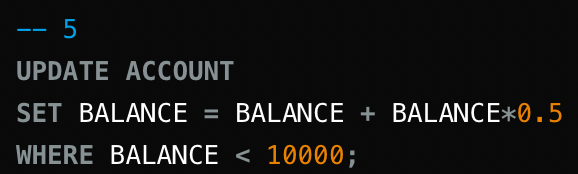


**4.**



Selecting customer who is not in borrower table/who doesn’t have any loan.

**5.**



Updating account table and making balance = balance\*1.5 where balance < 10000.