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Roll no-58

DBMS lab 1

Bank database

Table creation

1. create table branch (branch_name varchar (15) primary key, branch_city varchar (20), assets number (10));

2. create table account (account_number number (10) primary key, branch_name varchar (15) references branch, balance number (8));

3. create table customer (customer_name varchar (20) primary key, customer_street varchar (15), customer_city varchar (10));

4. create table loan (loan_number number (10) primary key,
   branch_name varchar (15) references branch,
   amount number (10))

5. create table depositor (customer_name varchar (2) references customer, account_number number (10) references account, primary key (customer_name, account_number));

6. create table borrower (customer_name varchar(2) references customer, loan_number number(10) references loan, primary key(customer_name,loan_number));

Queries

1. select * from depositor.
2. Select branch_name, assets from branch;
3. select * from account where branch_name= ‘brooklyn’;
4. select * from loan where amount>1000;
5. update branch set assets=340000000 where branch_name=‘Perryridge’;
6. delete from customer where name=’aniket’

Lab questions

1. create table employee(emp_no varchar(8) primary key,emp_name varchar(20),emp_address varchar(30));
2. insert into employee values('1','aniket','MANIPAL');

   insert into employee values('2','naman','DELHI');

   insert into employee values('3','atulya','MANGALORE');

   insert into employee values('4','raman,'KARNATAKA');

   insert into employee values('5','manan','DELHI');
3. select * from employee;
4. select emp_name from employee where emp_address='MANIPAL';
5. alter table employee add salary numeric (8,2);
6. Update employee set salary=1000;
7. describe employee;
8. delete from employee where emp_address='MANGALORE';
9. Rename employee to employee1;
10. Drop table employee1;