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Harshif Doshi. B
 1BM19CS 057
DBMS Lab Test -1
1) Banking Enterprise
    create database banking-enterprise;
Ans:
     use banking-enterprise;
    create table branch (
          branch-name varchar (30),
          branch-city varchar (30),
           assets real,
           primary key (branch-name)
   create table accounts!
            accoo int,
            branch-name vouchau(30),
            balance real,
           foreign key (branch-name) references branch (branch-name)
   create table customer (
          customer-name vaicher (30),
           customal_street vanchal(20),
           customer-city varchar (20),
           primary key (customer-name)
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create table depositorl
        customer_name varchar (30),
         accus int,
         peimany key (customer-name, accord),
  Horeign key (customer name) references customer (customer name)
                                         on update cascade,
toreign ky (aceno) references accounts (aceno) on delete caseade
 create table boan (
          ban-humber int
          branch-name varcher (30),
           amount real,
          primary key ( loan-number),
    foreign key (branch-name) references branch (branch-name) on
                                               delete cascade
  create table borrower (
            customer-name vardrar (30),
             loan-number int,
      primary key (customer-name, loan-number),
   forrign key (customer name) référence customer (customer name) on
                                                  update cascade,
   Joreign key (boan-humber) reference boan (boan-number) on
                                           delete cascade
         );
```

into branch values ("SBI PD NAGAR", "MUMBAI", 200000); loseit RAJAJI NAGAR", "BANGALORE", 500000). insut into branch values ("SBI VIDAY NAGAR", "CHENNAI", 860000); VIDAY NAGAR", "BANGALORE", 270000). insert into branch values ("SBI into branch values (1 SBI HOSAKERE HALLI", "DELHI", 950000); into branch valuest SBI select & from broach; insert into account values (1234602, "SBI HOSAKEREHALLI", 5000); insert into account values (1234603, "SBI VITAY NAGAR", 5000.); insert into account values (1234604, "SBI JAYANAGAR", 5000); insert into account values (1234605, "SBI RAJAJI NAKAN", 10000); inent into account values (1334503 , " SSI VIDAY NAGAN', 40000); accout values (1234504," SBI PD NAGAN", 4000). select + from accounts; insut into customer values ("VINOD", MG ROAP", "MUMBAI"); insert into automer values ("FNDIA", "STMKS ROAD", BANGACORE"). unsut into customer values ("KAHUL", "ANGSTEN ROAD", " CHENNAI"); insut into customer values ("BHARAT", "VS ROAP", "BANG ALORE"); insert into austomer values ("RAJEEV", "DICKSEN ROAD", "BANGALORE, insert into austomer values ("RAJEEV", "DICKSEN ROAD", "BANGALORE, select & from customers; Coanvalues (10011, "SBI JAYANAGAR", 10000); into loan values (10012, "SBI VIJAYNAGAN", 5000); into loan values (10013, "SBI HOSA RERENALLI", 20000); into insut boan values (10014, 3'SBI PD NAHAR", 15000); insert boan valuel (10015 "SBZ RAJAJI NAGAN", 25000). ment into inself who

select & from loan;

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insut into borrower values ("VINOD", 10011),
 ingul into horrower values ("INDIA", 10012);
insut into porrower values ("RAHUL", 10013);
 insut into horrower values ("BHARAT", 10014);
insert into horrowce values ("ZNDIA" 10015);
   select + from horrower;
 insert into depositor values ("INDIA", 1234603);
 insut into dipositor values ("Frioin", 1234503);
 insert into depositor values ("ViNOD", 1234604);
  insert into dyronlor relues ("KAMUL", 1234602);
  insent into depositor value ("SHARAT", 1234504);
        select & from Lepositor;
    Select customer name from depositor d, accounts a
11 Query 1
     where of access: a cocos
      and a branch name 2"SBJ VIJAY WAYAL"
      group by I. customer name having count (d'austomer name) == 2;
   select d'austrementaine from accounts a, branch b, depositor d
 12 Query 1
     where b. branchname = a. branch-name and
       a. acono: d. acono and b. broncheity = "BANGALONE"
    group by d. customer-name having court (distinct b. branch mani
         = (select court (branch-rome) from branch where
                  branch-city = "BANGALORE");
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delete from accounts where branch-name in celect / Owny 3/ branch-name from branch where branch-city: "BANGALORE"), select & from accounts; alter table accounts accounts / Query 4/ add account-type varchantes); c. customer name, coustomers treet, c. customercity, (. broach -name, 1 dury 5/ from austonie c join horrower to on c. customer rame: b. customet-name join loan 1 on 1. Coan-number = b. Coan-number where I. amount > 20000;