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Ques 3.
mysql> create database twowheeler;
mysql> create table customer(
    -> CustId varchar(20) primary key,
    -> email varchar(50) not null,
    -> Name char(30) not null,
    -> phone varchar(10) unique,
    -> ReferrerID varchar(20));
mysql> create table BicycleModel(
    -> ModelNo varchar(10) primary key,
    -> Manufacturer Char(20) not null,
    -> Style Varchar(20) not null);
mysql> create table Bicycle(
    -> BicycleId varchar(20) primary key,
    -> DatePurchased date not null,
    -> Color Char(10) not null,
    -> CustId varchar(20) not null,
    -> ModelNo varchar(10) not null,
    -> foreign key(CustId) references customer(CustId),
    -> foreign key(ModelNo) references BicycleModel(ModelNo));
mysql> create table Service(
    -> StartDate date not null,
    -> BicycleId varchar(20) not null,
    -> EndDate date not null,
    -> Foreign key(BicycleId) references Bicycle(BicycleId));
 (a) Primary Key - CustId in table Customer
                             ModelNo in table BicycleModel
                             BicycleId in table Bicycle
         Foreign Key- CustId in table Bicycle
                             ModelNo in table Bicycle
                             BicycleId in table Service
mysql> insert into customer values(1001,"vks1245@gmail.com","Vinay
Singh", 9873645321, "C1");
mysql> insert into customer values(1002,"kk4373@gmail.com","Krishna
Kumar",8373876327,"A2");
mysql> insert into customer values(1003, "ravishkumar8653@gmail.com", "
Ravish Kumar", 9375472814, "C3");
mysql> insert into customer values(1004, "sumanss7368@gmail.com", "Suman
Singh",8293765392,"B7");
mysql> insert into customer values(1005, "reenasingh3753@gmail.com", "Reena
Singh", 9375428765, "C5");
mysql> insert into bicyclemodel values("M101","Honda","Activa");
mysql> insert into bicyclemodel values("M102","Hero","Mastero");
mysql> insert into bicyclemodel values("M103", "Bajaj", "Discover");
mysql> insert into bicyclemodel values("M104","Hero","Splendor");
mysql> insert into bicyclemodel values("M105","Yamaha","FZ");
mysql> insert into bicycle values("B501",'2019-02-05',"Red","1002","M101");
mysql> insert into bicycle
values("B502",'2018-05-22',"Silver","1001","M105");
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mysql> insert into bicycle values("B503",'2020-01-03',"Red","1004","M104");
mysql> insert into bicycle
values("B504",'2019-04-17',"blue","1003","M103");
mysql> insert into bicycle
values("B505",'2020-02-08',"black","1002","M102");

mysql> insert into service values('2019-09-09','B505',"2019-09-12");
mysql> insert into service values('2018-10-10','B502','2018-10-12');
mysql> insert into service values('2018-04-24','B502','2019-04-26');
mysql> insert into service values('2019-05-17','B501','2019-05-19');
mysql> insert into service values('2020-01-18','B502','2020-01-20');
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- (b) mysql> Select \* from customer where custID in(Select custid from bicycle where modelno in(select Modelno from bicyclemodel where manufacturer="Honda"));
- (c) mysql> Select \* from bicyclemodel where modelno in(select modelno from bicycle where custid in(select custid from customer where referrerId="C1"));
- (d) mysql> select bm.manufacturer from bicycle as bi, bicyclemodel as bm
  where bi.modelno=bm.modelno and bi.color="red";
- (e) mysql> select modelno from bicycle where bicycleid in(select distinct bicycleid from service);