drop table customer cascade constraints;

Create Table CUSTOMER

(

Cust\_ID VARCHAR(10) NOT NULL,

Fname VARCHAR(35),

Lname VARCHAR(35),

Address VARCHAR(35),

Email VARCHAR(35),

Vehicle VARCHAR(35),

Phone VARCHAR (10),

LoyaltyPoints VARCHAR (10),

CONSTRAINT CUSTPK PRIMARY KEY(Cust\_ID)

);

drop table employee cascade constraints;

Create Table EMPLOYEE

(

Emp\_ID VARCHAR(10) NOT NULL,

Emp\_Name VARCHAR(35),

Address VARCHAR(35),

Startdate DATE,

Salary VARCHAR(10),

CONSTRAINT EMPPK PRIMARY KEY (Emp\_ID)

);

drop table salesperson cascade constraints;

Create Table SALESPERSON

(

SalesCount VARCHAR(30),

Salesperson\_ID VARCHAR(10) unique,

CONSTRAINT SPFK FOREIGN KEY (Salesperson\_ID) references EMPLOYEE(Emp\_ID)

);

drop table mechanic;

Create Table MECHANIC

(

HourlyPay VARCHAR(30),

Mechanic\_ID VARCHAR(10) unique,

CONSTRAINT MEFK FOREIGN KEY (Mechanic\_ID)references EMPLOYEE(Emp\_ID)

);

alter table mechanic add constraint mechanic\_ID unique (mechanic\_ID);

drop table manager;

Create Table MANAGER

(

Experience VARCHAR(30),

Manager\_ID VARCHAR(10) UNIQUE,

CONSTRAINT MAFK FOREIGN KEY (Manager\_ID)references EMPLOYEE(Emp\_ID)

);

drop table BRANCH;

Create Table BRANCH

(

Branch\_ID VARCHAR(10) NOT NULL,

Br\_Name VARCHAR(35),

Incharge\_ID VARCHAR(10),

Address VARCHAR(35),

City VARCHAR (50)NOT NULL,

CONSTRAINT BRANCHPK PRIMARY KEY (Branch\_ID),

CONSTRAINT BRANCHFK FOREIGN key (Incharge\_ID) references MANAGER(Manager\_ID)

);

drop table model cascade constraints;

Create Table MODEL

(

Model\_ID VARCHAR(10) NOT NULL,

Year VARCHAR(10) NOT NULL,

Description VARCHAR(30),

CONSTRAINT MODELPK PRIMARY KEY(Model\_ID)

);

drop table manufacturer cascade constraints;

Create table Manufacturer

(

Mf\_ID VARCHAR(10),

Mf\_Name VARCHAR(35) NOT NULL,

Email VARCHAR(50),

Address VARCHAR(35) DEFAULT 'NOT AVAILABLE',

CONSTRAINT MANPK PRIMARY KEY(Mf\_ID)

);

drop table autoparts cascade CONSTRAINTS;

Create table AUTOPARTS

(

Part\_ID VARCHAR(10),

Mod\_ID VARCHAR(8),

Part\_Name VARCHAR(35) NOT NULL,

Quantity VARCHAR(30),

Category VARCHAR(30),

Price VARCHAR(30),

CONSTRAINT AUTOPK PRIMARY KEY(Part\_ID),

CONSTRAINT AUTOFK FOREIGN KEY(Mod\_ID) REFERENCES MODEL(Model\_ID)

);

drop table services CASCADE CONSTRAINTS;

Create table SERVICES

(

Service\_ID VARCHAR(10),

Service\_Name VARCHAR(35) NOT NULL,

Cost VARCHAR (30),

Description VARCHAR(30),

CONSTRAINT SERVPK PRIMARY KEY(Service\_ID)

);

drop table transaction cascade constraints;

Create table TRANSACTION

(

Trans\_ID VARCHAR(10),

DateofTrans Date NOT NULL,

Total VARCHAR (10),

Customer\_ID VARCHAR(10),

Salesperson\_ID VARCHAR(10),

Part\_ID VARCHAR(10),

CONSTRAINT TRANSPK PRIMARY KEY (Trans\_ID),

CONSTRAINT TRANSFK1 FOREIGN key (Customer\_ID) references CUSTOMER(Cust\_ID),

CONSTRAINT TRANSFK2 FOREIGN key (Salesperson\_ID) references SALESPERSON(Salesperson\_ID),

CONSTRAINT TRANSFK4 FOREIGN KEY (Part\_ID) references AUTOPARTS(Part\_ID)

);

drop table mechanic\_services cascade constraints;

Create table mechanic\_services

(

Mechanic\_ID VARCHAR(10),

Service\_ID VARCHAR(10),

CONSTRAINT MSFK1 FOREIGN key (Mechanic\_ID) references MECHANIC(Mechanic\_ID),

CONSTRAINT MSFK2 FOREIGN key (Service\_ID) references SERVICES(Service\_ID),

CONSTRAINT MSPK PRIMARY KEY(Mechanic\_ID,Service\_ID)

);

drop table autoparts\_manufacturer cascade constraints;

Create table autoparts\_manufacturer

(

Part\_ID VARCHAR(10),

Mf\_ID VARCHAR(10),

CONSTRAINT AMFK1 FOREIGN key (Part\_ID) references AUTOPARTS(Part\_ID),

CONSTRAINT AMFK2 FOREIGN key (Mf\_ID) references MANUFACTURER(Mf\_ID),

CONSTRAINT AMPK PRIMARY KEY(Part\_ID,Mf\_ID)

);

drop table customer\_autoparts cascade constraints;

Create table customer\_autoparts

(

Cust\_ID VARCHAR(10),

Part\_ID VARCHAR(10),

CONSTRAINT CAFK1 FOREIGN key (Cust\_ID) references CUSTOMER(Cust\_ID),

CONSTRAINT CAFK2 FOREIGN key (Part\_ID) references AUTOPARTS(Part\_ID),

CONSTRAINT CAPK PRIMARY KEY(Cust\_ID,Part\_ID)

);

desc customer;

select \* from customer;

insert into customer values ('c1','john','cole','frankford','c1@gmail.com','Ford',8989898989,25);

insert into customer values ('c2','chris','davis','mccallum','c2@gmail.com','Mustang',8989898990,30);

insert into customer values ('c3','billy','chuck','palencia','c3@gmail.com','camaro',8989898991,35);

select \* from customer;

desc employee;

select \* from employee;

insert into employee values('e1','morrison','ashwood', '1998-01-01','10000');

insert into employee values('e2','david','estates',’ 1999-02-02','20000');

insert into employee values('e3','jennifer','campbell', ’ 2000-03-03','30000');

insert into employee values('e4','jenny','coit', ’ 2001-04-04' ,'40000');

insert into employee values('e5','kathy','northplane', ’ 2002-05-05' ,'50000');

insert into employee values('e6','christopher','plano', ’ 2003-06-06','55000');

insert into employee values('e7','krish','richardson', ’ 2004-07-07','60000');

insert into employee values('e8','daniel','frisco', ’ 2005-08-08','65000');

insert into employee values('e9','ethan','freshno', ’ 2006-09-09','70000');

select \* from employee;

desc salesperson;

select \* from salesperson;

insert into salesperson values(50,'e1');

insert into salesperson values(100,'e2');

insert into salesperson values(150,'e3');

select \* from salesperson;

desc mechanic;

select \* from mechanic;

insert into mechanic values(10,'e4');

insert into mechanic values(15,'e5');

insert into mechanic values(20,'e6');

select \* from mechanic;

desc manager;

select \* from manager;

insert into manager values(1,'e7');

insert into manager values(2,'e8');

insert into manager values(3,'e9');

desc branch;

select \* from branch;

insert into branch values('b1','cloes','e8','inwood','dallas');

insert into branch values('b2','joes','e9','northwood','seattle');

insert into branch values('b3','harrys','e7','westwood','mckinney');

select \* from branch;

desc model;

select \* from model;

insert into model values('m1',2001,'sedan');

insert into model values('m2',2002,'hatchback');

insert into model values('m3',2005,'SUV');

select \* from model;

desc manufacturer;

select \* from manufacturer;

insert into manufacturer values('mf1','courtney','mf1@gmail.com','washington');

insert into manufacturer values('mf2','phoebe','mf2@gmail.com','houston');

insert into manufacturer values('mf3','martha','mf3@gmail.com','southlake');

select \* from manufacturer;

desc autoparts;

select \* from autoparts;

insert into autoparts values('p1','m2','gear','20','gearsystem','500');

insert into autoparts values('p2','m3','tyre','25','locomotion','1000');

insert into autoparts values('p3','m1','windshield','30','transparentscreens','1500');

select \* from autoparts;

desc services;

select \* from services;

insert into services values('s1','washing',1000,'deep cleanse');

insert into services values('s2','wiping',1200,'drying');

insert into services values('s3','oil change',1400,'lubrication');

select \* from services;

desc transaction;

select \* from transaction;

insert into transaction values('t1', '2006-09-09',2500,'c2','e2','p2');

insert into transaction values('t2', '2006-10-10',2700,'c3','e3','p3');

insert into transaction values('t3', '2006-11-11',2900,'c1','e1','p1');

select \* from transaction;

desc mechanic\_services;

select \* from mechanic\_services;

insert into mechanic\_services values('e5','s2');

insert into mechanic\_services values('e6','s3');

insert into mechanic\_services values('e4','s1');

select \* from mechanic\_services;

desc autoparts\_manufacturer;

select \* from autoparts\_manufacturer;

insert into autoparts\_manufacturer values('p2','mf2');

insert into autoparts\_manufacturer values('p3','mf3');

insert into autoparts\_manufacturer values('p1','mf1');

select \* from autoparts\_manufacturer;

desc customer\_autoparts;

select \* from customer\_autoparts;

insert into customer\_autoparts values('c2','p2');

insert into customer\_autoparts values('c3','p3');

insert into customer\_autoparts values('c1','p1');

select \* from customer\_autoparts;

delimiter $

mysql> create procedure bonus1()

-> begin

-> update employee set bonus=salary\*0.1;

-> end $

call bonus1()$

select \* from employee$