CREATE DATABASE company1

USE company1

drop table computer

CREATE TABLE Computer(

SerialNumber INT PRIMARY KEY,

MfName VARCHAR(20),

Model VARCHAR(10),

Weight NUMERIC(4,2),

EmployeeID INT,

Status VARCHAR(10),

FOREIGN KEY (EmployeeID) REFERENCES Employee(EmployeeID),

FOREIGN KEY (MfName) REFERENCES Manufacture(MfName)

)

drop table Employee

CREATE TABLE Employee(

EmployeeID INT PRIMARY KEY,

EmpName VARCHAR(20),

Phone VARCHAR(13),

Email varchar(10),

area\_code varchar(10)

)

drop table Manufacture

CREATE TABLE Manufacture(

MfName VARCHAR(20) PRIMARY KEY,

City VARCHAR(10),

State VARCHAR(20)

)

INSERT INTO Manufacture VALUES('Dell','Dakota','South Dakota')

INSERT INTO Manufacture VALUES('Asus','Kochi','Kerala')

INSERT INTO Manufacture VALUES('MSI','Mumbai','Maharashtra')

INSERT INTO Employee VALUES(1,'John','982663735','john2gmail','2354')

INSERT INTO Employee VALUES(2,'Aravind','99736457','ara@gmail','7564')

INSERT INTO Employee VALUES(3,'Jacob','997653345','jac@gmail','5648')

INSERT INTO Computer VALUES(1,'Dell','D15',2.5,1,'not use')

INSERT INTO Computer VALUES(2,'Asus','A15',3,2,'use')

INSERT INTO Computer VALUES(3,'MSI','M15',2.5,3,'not use')

select \* from Computer



select \* from Manufacture



select \* from Employee



--Q1

SELECT mfName FROM Manufacture where State='South Dakota'



--Q2

SELECT avg(Weight) FROM Computer where Status='use'



--Q3

SELECT EmpName FROM Employee where area\_code like('2%')



--Q4

SELECT weight,SerialNumber FROM Computer where weight<

(select avg(weight) FROM Computer )



--Q5

select m.MfName from Manufacture m, Computer c where

m.MfName not in(select m.MfName from Computer

where Status='use')



--q6

select EmpName,SerialNumber,City from Employee e inner join Computer c on

e.EmployeeID=c.EmployeeID inner join Manufacture m on c.MfName=m.MfName



--Q7

create procedure showDetails

@employeeid int

as begin

select c.SerialNumber,m.MfName,c.Model,c.weight from

Computer c,

Manufacture m, Employee e where c.MfName=m.MfName and

e.EmployeeID=c.EmployeeID and e.EmployeeID=@employeeid

end

exec showDetails @employeeid=1

