1.

CREATE TABLE Region(regionID int,RegionName varchar(50));

INSERT INTO Region VALUES(1001,'Northwest');

INSERT INTO Region VALUES(1002,'Southwest');

INSERT INTO Region VALUES(1003,'Northwest');

INSERT INTO Region VALUES(1004,'Southeast');

INSERT INTO Region VALUES(1005,'Central');

SELECT \* FROM Region;

2.

CREATE TABLE Customer(cusID int,cusName varchar(50),cusPhone varchar(50),regionID int);

INSERT INTO Customer VALUES(1,'Bellsouth','222-333-4571',1003);

INSERT INTO Customer VALUES(2,'Comcast','253-444-5555',1003);

INSERT INTO Customer VALUES(3,'Enron','367-555-6666',1005);

INSERT INTO Customer VALUES(4,'Exxon','444-777-7777',1004);

SELECT \* FROM Customer;

3.

CREATE TABLE Employee(empID varchar(50),empLastName varchar(50),empFirstName varchar(50),empHireDate date,regionID int);

INSERT INTO Employee VALUES('E1','B','A','2019-2-7',1004);

INSERT INTO Employee VALUES('E2','Craig','Brett','2019-3-30',1004);

INSERT INTO Employee VALUES('E3','Williams','Josh','1999-3-17',1005);

INSERT INTO Employee VALUES('E4','Cope','Leslie','2017-4-21',1002);

INSERT INTO Employee VALUES('E5','Mudd','Roger','2007-10-18',1001);

SELECT \* FROM Employee;

4.  
CREATE TABLE Skill(skillID varchar(50),skillDescription varchar(50),skillRate decimal(4,2));

INSERT INTO Skill VALUES('S1','Data Entry I',12);

INSERT INTO Skill VALUES('S2','Java I',25);

INSERT INTO Skill VALUES('S3','Phython I',25);

INSERT INTO Skill VALUES('S4','Python II',35);

SELECT skillID,skillDescription,CAST(skillRate AS int)skillRate FROM Skill;

5.

CREATE TABLE EmpSkill(empID varchar(50),skillID varchar(50));

INSERT INTO EmpSkill VALUES('E1','S1');

INSERT INTO EmpSkill VALUES('E2','S1');

INSERT INTO EmpSkill VALUES('E3','S2');

INSERT INTO EmpSkill VALUES('E3','S4');

INSERT INTO EmpSkill VALUES('E4','S3');

SELECT \* FROM EmpSkill;

6.

SELECT CAST(AVG(skillRate)AS DECIMAL(4,2)) Average,

CAST(MAX(skillRate) AS int) Maximum,

CAST(MIN(skillRate) AS int) Minimum FROM Skill;

