```sql
CREATE TABLE Manufacturer (
    MfName VARCHAR(50) PRIMARY KEY,
    city VARCHAR(50),
    state VARCHAR(50)
);

INSERT INTO Manufacturer (MfName, city, state)
VALUES
    ('M1', 'South Dakota', 'Africa'),
    ('M2', 'Thiruvalla', 'Kerala'),
    ('M3', 'Varanasi', 'West Bengal');

CREATE TABLE Employee (
    EmployeeId INT PRIMARY KEY,
    EmployeeName VARCHAR(100),
    area_code VARCHAR(10),
    phone VARCHAR(20),
    email VARCHAR(100)
);

INSERT INTO Employee (EmployeeId, EmployeeName, area_code, phone, email)
VALUES
    (1, 'Joyan Thomas', '6702', '7584930954', 'joyan@gmail.com'),
    (2, 'Priyanka Roy', '8573', '9400602609', 'priyanka@gmail.com'),
    (3, 'Mathew', '4865', '7894036789', 'mathew@gmail.com');

CREATE TABLE Computer (
    SerialNumber INT PRIMARY KEY,
    Model VARCHAR(50),
    weight DECIMAL(10, 2),
    EmployeeId INT,
    MfName VARCHAR(50),
    FOREIGN KEY (EmployeeId) REFERENCES Employee(EmployeeId),
    FOREIGN KEY (MfName) REFERENCES Manufacturer(MfName)
);

INSERT INTO Computer (SerialNumber, Model, weight, EmployeeId, MfName)
VALUES
    (101, 'Computer1', 5, 1, 'M1'),
    (102, 'Computer2', 4.5, 2, 'M2'),
    (103, 'Computer3',6, 3, 'M1');
```
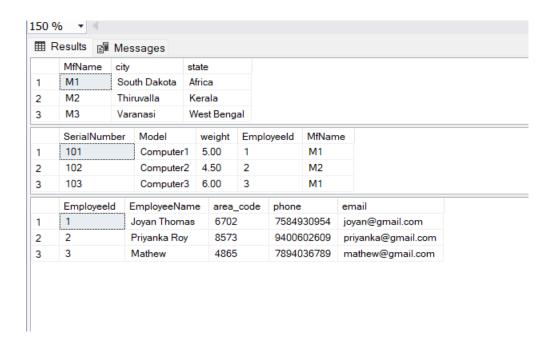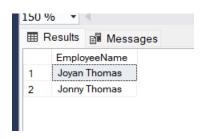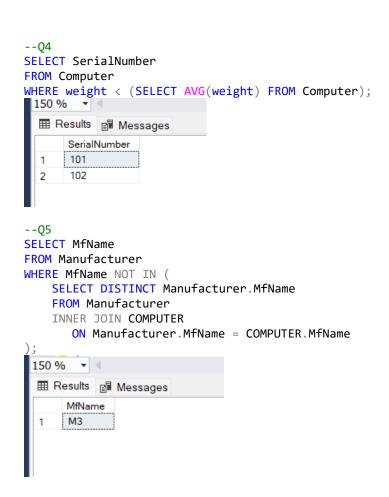
⊞ Results   📰 Messages

	MfName	city	state
1	M1	South Dakota	Africa
2	M2	Thiruvalla	Kerala
3	M3	Varanasi	West Bengal

	SerialNumber	Model	weight	EmployeeId	MfName
1	101	Computer1	5.00	1	M1
2	102	Computer2	4.50	2	M2
3	103	Computer3	6.00	3	M1

	EmployeeId	EmployeeName	area_code	phone	email
1	1	Joyan Thomas	6702	7584930954	joyan@gmail.com
2	2	Priyanka Roy	8573	9400602609	priyanka@gmail.com
3	3	Mathew	4865	7894036789	mathew@gmail.com

```
--Q1
SELECT MfName from Manufacturer WHERE City = 'South Dakota';
```

⊞ Results   📰 Messages

	MfName
1	M1

```
--Q2
SELECT AVG(Weight) AS 'Average Weight' FROM Computer;
```

⊞ Results   📰 Messages

	Average Weight
1	5.166666

```
--Q3
SELECT EmployeeName
FROM Employee
WHERE area_code LIKE '2%';
```

	EmployeeName
1	Joyan Thomas
2	Jonny Thomas

```
--Q4
SELECT SerialNumber
FROM Computer
WHERE weight < (SELECT AVG(weight) FROM Computer);
```

	SerialNumber
1	101
2	102

```
--Q5
SELECT MfName
FROM Manufacturer
WHERE MfName NOT IN (
    SELECT DISTINCT Manufacturer.MfName
    FROM Manufacturer
    INNER JOIN COMPUTER
        ON Manufacturer.MfName = COMPUTER.MfName
);
```

	MfName
1	M3

```
--Q6
SELECT E.EmployeeName, C.SerialNumber, M.city
FROM Employee E
INNER JOIN Computer C
ON E.EmployeeId = C.EmployeeId
INNER JOIN Manufacturer M
ON C.MfName = M.MfName;
```

150 %

▦ Results   ᵇ Messages

	EmployeeName	SerialNumber	city
1	Joyan Thomas	101	South Dakota
2	Priyanka Roy	102	Thiruvalla
3	Mathew	103	South Dakota

```
--Q7
CREATE PROCEDURE getComputer
    @EmployeeId INT
AS
BEGIN
    SELECT C.SerialNumber, M.mfname, Model, weight
    FROM Computer C
    INNER JOIN Employee E on C.EmployeeId = E.EmployeeId
    INNER JOIN Manufacturer M on C.MfName = M.MfName
    WHERE E.EmployeeId =@EmployeeId;
END;
  exec getcomputer @employeeid=2
```

150 %

▦ Results   ᵇ Messages

	SerialNumber	mfname	Model	weight
1	102	M2	Computer2	4.50