## 

	EmployeeID	EmpName	Phone	Email
1	1	Niyas	2987650	niyas@gmail.com
2	2	safdar	987654	safdar@gmail.com
3	3	Bargav	2473864	bargav@gmail.com
4	4	ahmer	43795658	ahmer@gmail.com

## MfName State City South Dakota 1 Acer pierre 2 New York Apple Buffalo 3 Dell Dallas Texas 4 IBM Seattle Washington 5 South Dakota Lenovo Charity **CREATE TABLE Computer** SerialNumber INT PRIMARY KEY, MfName VARCHAR(30) CONSTRAINT fk\_mfname FOREIGN KEY (MfName) REFERENCES Manufacturer(MfName) ON DELETE CASCADE, Model VARCHAR(30),

Employee(EmployeeID) ON DELETE CASCADE

## 

Weight DECIMAL(8,2),

	SerialNumber		Model	Weight	EmployeeID
1	1	Lenovo	L100	2.00	1
2	2	Apple	A200	1.00	1
3	3	Apple	A200	1.00	3
4	4	Dell	D50	3.00	2

SELECT \* FROM Employee SELECT \* FROM Manufacturer SELECT \* FROM Computer

----Q1

SELECT MfName AS ManufacturerName FROM Manufacturer WHERE State LIKE 'South Dakota'

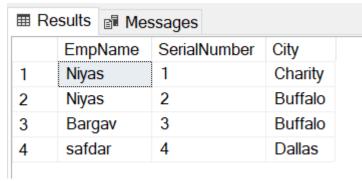
EmployeeID INT CONSTRAINT fk\_empid FOREIGN KEY (EmployeeID) REFERENCES

	ManufacturerName
1	Acer
2	Lenovo

----Q2

SELECT AVG(Weight) AS AverageWeight FROM Computer

```
AverageWeight
       1.750000
 1
----Q3
SELECT EmpName AS EmployeeName FROM Employee WHERE Phone LIKE '2%'
 EmployeeName
 1
      Niyas
 2
      Bargav
----Q4
SELECT SerialNumber
FROM Computer
WHERE Weight < (SELECT AVG(Weight) FROM Computer)
 SerialNumber
       2
 1
 2
       3
----Q5
SELECT Mfname AS ManufacturerName
FROM Manufacturer
WHERE MfName NOT IN (SELECT MfName FROM Computer)
 ManufacturerName
 1
      Acer
      IBM
 2
SELECT e.EmpName,c.SerialNumber,m.City
FROM Employee e
JOIN Computer c
ON e.EmployeeID=c.EmployeeID
JOIN Manufacturer m
ON m.MfName=c.MfName
```



----Q7

CREATE PROCEDURE pEmployeeID
@EmployeeID INT

AS BEGIN

SELECT SerialNumber, MfName AS Manufacturername, Model, Weight FROM Computer WHERE EmployeeID=@EmployeeID
FND

EXEC pEmployeeID 2

⊞ Re	esults	■ Messa	ges		
			Manufacturername	Model	Weight
1	4		Dell	D50	3.00