**18BIS044**

**YOGANAYAKI M R**

**TrakLab Round 2 Assessment :**

1. **Create new employees and departments ( basic fields of Employee as 'Id'[DB generated], 'EmpName', ‘Age' and for Department as 'Id'[DB Generated], ‘DepName' )**

**Query:**

**Employee table :**

Create table Employee(Id varchar[20], EmpName char[20], Age int[20]);

**Department table :**

Create table Department(Id varchar[20], DepName char[20]);

INSERT INTO employees VALUES('1','xxx',36);

INSERT INTO employees VALUES('2','yyy',31);

INSERT INTO employees VALUES('3','zzz',30);

INSERT INTO department VALUES('1','RRR');

INSERT INTO department VALUES('2','SSS');

INSERT INTO department VALUES('3','TTT');

**2) Link employees to a particular department.**

**Query :**

Select e.EmpName,e.Age from Employee inner join Department on e.id=d.id where DepName=”RRR” group by EmpName;

**3) Change the department of any employee.**

**Query:**

Alter table department =”TTT” where id=”3”;

**4) Delete an employee and/or department.**

**Query :**

Delete from Employee where id=”2”;

Delete from Department where DepName=”SSS”;

**7) Implement searching of data based on any field search.**

**Query :**

SELECT empName from employees where ID="101";