Assignment -3

Q1

```
CREATE USER   U1 IDENTIFIED BY password1;
CREATE USER   U2 IDENTIFIED BY Password2;

GRANT CREATE   SESSION TO U1;
GRANT CREATE   SESSION TO U2;

CREATE TABLE   U1.employee (id NUMBER PRIMARY
KEY, name  VARCHAR2(50), address VARCHAR
                                    (100));
GRANT INSERT, SELECT  ON  U1.employee TO U2;
GRANT INSERT, SELECT  ON  U2.employee TO U1;
```

Q2

```
CREATE TABLE  Department (
    DeptIND INT PRIMARY KEY,
    DeptName VARCHAR (50) NOT NULL,
    ManagerID INT,
        CONSTRAINT Fk-Manager FOREIGN KEY
    (ManagerID) REFERENCES Employee(EmployeeID)
    );
```

i)

Q3 SELECT employee-name FROM Works WHERE
Company-name = 'State Bank';

ii)

SELECT Employee.employee-name, Employee.city

FROM Employee, Works
WHERE Employee.employee-name = Works.employee-name
AND Company-name = 'HDFC Bank';

iii)

SELECT employee-name
FROM Employee, Works,
WHERE Company-name NOT IN ('State Bank', 'ICICI Bank');

iv)

SELECT employee-name
FROM Employee, Work
WHERE Employee.city = Work.city;

v) SELECT e.employee-name, w.salary
FROM Employee e, Works w, manages m
WHERE m.manager-name = 'Ravi'
AND m.employee-name = e.employee-name
AND e.employee-name = w.employee-name;

Q4 --a)
SELECT Ename FROM Emp WHERH Address = 'BHOPAL';

--b)
SELECT Ename FROM Emp WHERH Dept-Id = (SELECT Dept-Id FROM Dept WHERE Dname = 'CSE');

--c)
SELECT Eid FROM Emp WHERE Age $\geq$ 30;

--d)
SELECT Ename
FROM Emp e, Dept d
WHERH e.Address = d.Address
AND e.Dept-Id = d.Dept-id;