Practical Assingment : 2

Create two tables accordingly:

**EMPLOYEE**

| **Column Name** | Data Type | Size |
| --- | --- | --- |
| empno | Varchar2 | 8 |
| ename | Varchar2 | 10 |
| job | Varchar2 | 15 |
| mgrCode | Number | 8 |
| sal | Number | 8 |
| comm | Number | 7 |
| deptno | Number | 3 |

**DEPARTMENT**

| **Column Name** | **Data Type** | **Size** |
| --- | --- | --- |
| deptno | Number | 4 |
| dname | Varchar2 | 15 |
| location | Varchar2 | 15 |

**Insert the values:**

Table: **EMPLOYEE**

| **empno** | **ename** | **job** | **mgrCode** | **sal** | **comm** | **deptno** |
| --- | --- | --- | --- | --- | --- | --- |
| E7369 | SMITH | Clerk | 7902 | 800 | 0 | 10 |
| E7499 | ALLEN | Salesman | 7698 | 1600 | 300 | 20 |
| E7521 | WARD | Salesman | 7698 | 1250 | 500 | 10 |
| E7566 | JONES | Manager | 7839 | 2975 | 0 | 20 |
| E7654 | MARTIN | Salesman | 7698 | 1250 | 1400 | 20 |
| E7698 | BLAKE | Manager | 7839 | 2850 | 0 | 30 |
| E7782 | CLARK | Manager | 7839 | 2450 | 0 | 10 |
| E7788 | SCOTT | Analyst | 7566 | 3000 | 0 | 30 |
| E7839 | KING | President | 0 | 5000 | 0 | 40 |
| E7844 | TURNER | Salesman | 7698 |  | 0 | 40 |
| E7902 | FORD | Analyst | 7566 | 3000 | 0 | 20 |
| E7934 | MILLER | Clerk | 7782 |  | 0 | 20 |

Table : **DEPT**

| **deptno** | **dname** | **location** |
| --- | --- | --- |
| 10 | Accounting | Newyork |
| 20 | Research | Dallas |
| 30 | Sales | Chicago |
| 40 | Operations | Boston |

## Assignment #2.1 (Use Logical Operators)

1. List all employees who are presidents.
2. List all employees who are either manager or clerk.
3. List all employees who are managers of department number 10.
4. List all employees who are not belonging to Department number 20,30,40 and are not managers.
5. List all employees who are either manager of department number 10 or are analysts.
6. List all employees who are not president, analyst or salesman.

## Assignment #2.2

1 List all 'managers' and add 100 rupees in each salary.

2. Find the two-month salary of each manager and col\_name ‘Cumulative\_Salary.

3. List all employees who are not eligible for receiving commission and are 'manager'.

4. Display the details of those employees whose name starts with 'S'.

5. Find those employees whose mgr is 7902, 7566, 7782.

6. List all employees whose job starts with 'M' and his name is 'Jones'.

7. Find the name of an employee whose salary is Null (NIL).

8. Display department names between department number 10 to 30. (Use Between operator)