I. List the employee details with their department name and Location.

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe       —   □   ×
SQL> select job,loc from emp inner join dept on emp.deptno=dept.deptno;

JOB        LOC
---------- ----------
Intern     Area 1
Manager    Area 2
Intern     Area 3
Owner      Area 3
Worker     Area 4
Worker     Area 4
Manager    Area 5
Worker     Area 5
Intern     Area 5
Manager    Area 6
Intern     Area 7

JOB        LOC
---------- ----------
Manager    Area 8
Intern     Area 9
Intern     Area 9

14 rows selected.
```

II. Find Shreya's location.

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe       —   □   ×
SQL> select loc from emp inner join dept on emp.deptno=dept.deptno where ename='Shreya';

LOC
----------
Area 3
```

III. Find the department number which is not assigned with even an employee.

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe       —   □   ×
SQL> select dept.deptno from dept left join emp on dept.deptno=emp.deptno where ename is NULL;

    DEPTNO
----------
        10
```

IV. Find the employees who earn more than Eshan.

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe       —   □   ×
SQL> select ename from emp where sal>(select sal from emp where ename='Eshan');

ENAME
--------------------
Devangi
Roopu
Shubham
Ritvick
Prachi
Kunal
Shreya

7 rows selected.
```

V. Display the departments 3 and 4 with or without employees and sort by department number.

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe          —    □    ×

SQL> select * from emp right join dept on emp.deptno=dept.deptno where dept.deptno=3 or dept.deptno=4;

    EMPNO ENAME                JOB              MGR HIREDATE        SAL
---------- -------------------- ---------- ---------- --------- ----------
     COMM     DEPTNO    DEPTNO DNAME            LOC
---------- ---------- ---------- -------------------- ----------
     1691 Shubham              Owner             90 18-DEC-20      85000
     1000         3         3 QUALITY          Area 3

     1692 Varun                Worker            02-MAR-19      60000
     1000          4         4 HEADQUARTER      Area 4

     1683 Prachi               Worker            83 12-FEB-17      67000
                  4         4 HEADQUARTER      Area 4


    EMPNO ENAME                JOB              MGR HIREDATE        SAL
---------- -------------------- ---------- ---------- --------- ----------
     COMM     DEPTNO    DEPTNO DNAME            LOC
---------- ---------- ---------- -------------------- ----------
     1710 Shreya               Intern            79 18-OCT-17      75000
                  3         3 QUALITY          Area 3
```

VI. Get the details of all departments with the number of employees assigned to it (even 0 employees).

```
 F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe          —    □    ×

SQL> select dept.deptno,count(emp.deptno) from dept left join emp on dept.deptno=emp.deptno group by dept.deptno;

    DEPTNO COUNT(EMP.DEPTNO)
---------- ------------------
         1                1
         2                1
         3                2
         4                2
         5                3
         6                1
         7                1
         8                1
         9                2
        10                0

10 rows selected.
```

VII. List the employee details and their managers with sorting according to MGR ids.

```
 Select F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe          —    □    ×

SQL> select * from emp where JOB='Manager' order by MGR ASC;

    EMPNO ENAME                JOB              MGR HIREDATE        SAL
---------- -------------------- ---------- ---------- --------- ----------
     COMM     DEPTNO
---------- ----------
     1682 Kunal                Manager           82 12-APR-17      73000
                  5

     1690 Roopu                Manager           90 03-OCT-20      80000
     1000          2

     1695 Riya                 Manager           90 02-JAN-18      50000
     1000          6


    EMPNO ENAME                JOB              MGR HIREDATE        SAL
---------- -------------------- ---------- ---------- --------- ----------
     COMM     DEPTNO
---------- ----------
     1697 Harshal              Manager           91 18-JUL-21      40000
     1000          8
```

VIII. List the employees who joined the company after 1995.

```
F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe                  —    □    ×

no rows selected

SQL> select ename from emp where hiredate>'31-DEC-18';

ENAME
--------------------
Devangi
Roopu
Shubham
Varun
Eshan
Hemant
Harshal
Ritvick

8 rows selected.
```

IX. Find the employee who is getting highest salary.

```
F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe                  —    □    ×

SQL> select ename from emp where sal=(select max(sal) from emp);

ENAME
--------------------
Shubham
```

X. List the employee details by sorting their salaries.

```
F:\Downloads\ORACLE CLIENT 11.2\ORACLE CLIENT 11.2\instantclient_11_2\sqlplus.exe                  —    □    ×

SQL> select * from emp order by sal;

     EMPNO ENAME                JOB              MGR HIREDATE         SAL
---------- -------------------- ---------- ---------- --------- ----------
      COMM     DEPTNO
---------- ----------
      1697 Harshal              Manager           91 18-JUL-21     40000
      1000          8

      1696 Ajay                 Intern               21-JUL-18     45000
      1000          7

      1695 Riya                 Manager           90 02-JAN-18     50000
      1000          6


     EMPNO ENAME                JOB              MGR HIREDATE         SAL
---------- -------------------- ---------- ---------- --------- ----------
      COMM     DEPTNO
---------- ----------
      1694 Hemant               Worker            91 02-DEC-19     55000
      1000          5

      1679 Utkarsh              Intern               17-AUG-17     55000
                   9

      1692 Varun                Worker               02-MAR-19     60000
      1000          4
```