1)

```
+---------+---------+------------+
| f_name  | l_name  | job_type   |
+---------+---------+------------+
| Arun    | Khan    | Manager    |
| Barun   | Kumar   | Manager    |
| Chitra  | Kapoor  | Engineer   |
| Dheeraj | Mishra  | Manager    |
| Emma    | Dutt    | Engineer   |
| Floki   | Dutt    | Accountant |
| Dheeraj | Kumar   | Clerk      |
| Saul    | Good    | Engineer   |
| Mou     | Bhat    | Clerk      |
| Sunny   | Deol    | Salesman   |
| Bobby   | Deol    | Engineer   |
| Aamir   | Khan    | Salesman   |
+---------+---------+------------+
12 rows in set (0.00 sec)
```

2)

```
+------------------------+
| Employee_Details       |
+------------------------+
| Arun is a Production   |
| Barun is a Marketing   |
| Chitra is a Production |
| Dheeraj is a Sales     |
| Emma is a Production   |
| Floki is a Accounts    |
| Dheeraj is a Accounts  |
| Saul is a R&D          |
| Mou is a Sales         |
| Sunny is a Marketing   |
| Bobby is a R&D         |
| Aamir is a Marketing   |
+------------------------+
12 rows in set (0.00 sec)
```

3)

```
+----------------------------------------+
| Monthly_Salary_Details                 |
+----------------------------------------+
| Arun's monthly salary is Rs 90000      |
| Barun's monthly salary is Rs 80000     |
| Chitra's monthly salary is Rs 60000    |
| Dheeraj's monthly salary is Rs 75000   |
| Emma's monthly salary is Rs 55000      |
| Floki's monthly salary is Rs 70000     |
| Dheeraj's monthly salary is Rs 40000   |
| Saul's monthly salary is Rs 60000      |
| Mou's monthly salary is Rs 30000       |
| Sunny's monthly salary is Rs 20000     |
| Bobby's monthly salary is Rs 35000     |
| Aamir's monthly salary is Rs 15000     |
+----------------------------------------+
12 rows in set (0.00 sec)
```

4)

```
+------------+
| d_name     |
+------------+
| Sales      |
| Accounts   |
| Production |
| Marketing  |
| R&D        |
+------------+
5 rows in set (0.00 sec)
```

5)

```
+---------+
| f_name  |
+---------+
| Dheeraj |
| Mou     |
+---------+
2 rows in set (0.00 sec)
```

6)

```
+---------+
| f_name  |
+---------+
| Arun    |
| Barun   |
| Chitra  |
| Dheeraj |
| Emma    |
| Floki   |
| Saul    |
+---------+
7 rows in set (0.00 sec)
```

7)

```
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
| emp_id | f_name  | l_name | job_type   | salary | commission | dept       | manager_id | date_of_joining |
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
|      1 | Arun    | Khan   | Manager    |  90000 |       NULL | Production |       NULL | 04-Jan-1998    |
|      2 | Barun   | Kumar  | Manager    |  80000 |       NULL | Marketing  |       NULL | 09-Feb-1998    |
|      4 | Dheeraj | Mishra | Manager    |  75000 |       NULL | Sales      |          4 | 27-Dec-2001    |
|      6 | Floki   | Dutt   | Accountant |  70000 |       NULL | Accounts   |       NULL | 16-Jul-2000    |
|      7 | Dheeraj | Kumar  | Clerk      |  40000 |       NULL | Accounts   |          6 | 01-Jul-2016    |
|      8 | Saul    | Good   | Engineer   |  60000 |       NULL | R&D        |       NULL | 06-Sep-2014    |
|      9 | Mou     | Bhat   | Clerk      |  30000 |       NULL | Sales      |          4 | 08-Mar-2001    |
|     10 | Sunny   | Deol   | Salesman   |  20000 |      10000 | Marketing  |          2 | 31-Mar-2001    |
|     11 | Bobby   | Deol   | Engineer   |  35000 |       NULL | R&D        |          8 | 17-Oct-2017    |
|     12 | Aamir   | Khan   | Salesman   |  15000 |       5000 | Marketing  |          2 | 11-Jan-2013    |
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
10 rows in set (0.00 sec)
```

8)

```
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
| emp_id | f_name  | l_name | job_type   | salary | commission | dept       | manager_id | date_of_joining |
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
|      3 | Chitra  | Kapoor | Engineer   |  60000 |       NULL | Production |          1 | 08-Jan-1998    |
|      5 | Emma    | Dutt   | Engineer   |  55000 |       NULL | Production |          1 | 20-Mar-2002    |
|      6 | Floki   | Dutt   | Accountant |  70000 |       NULL | Accounts   |       NULL | 16-Jul-2000    |
|      7 | Dheeraj | Kumar  | Clerk      |  40000 |       NULL | Accounts   |          6 | 01-Jul-2016    |
|      8 | Saul    | Good   | Engineer   |  60000 |       NULL | R&D        |       NULL | 06-Sep-2014    |
+--------+---------+--------+------------+--------+------------+------------+------------+----------------+
5 rows in set (0.00 sec)
```

9)

```
+--------+---------+--------+----------+--------+------------+------------+------------+----------------+
| emp_id | f_name  | l_name | job_type | salary | commission | dept       | manager_id | date_of_joining |
+--------+---------+--------+----------+--------+------------+------------+------------+----------------+
|      3 | Chitra  | Kapoor | Engineer |  60000 |       NULL | Production |          1 | 08-Jan-1998    |
|      5 | Emma    | Dutt   | Engineer |  55000 |       NULL | Production |          1 | 20-Mar-2002    |
|      7 | Dheeraj | Kumar  | Clerk    |  40000 |       NULL | Accounts   |          6 | 01-Jul-2016    |
|     11 | Bobby   | Deol   | Engineer |  35000 |       NULL | R&D        |          8 | 17-Oct-2017    |
+--------+---------+--------+----------+--------+------------+------------+------------+----------------+
4 rows in set (0.00 sec)
```

10)

```
+---------+--------+
| f_name  | salary |
+---------+--------+
| Arun    |  90000 |
| Barun   |  80000 |
| Chitra  |  60000 |
| Dheeraj |  40000 |
| Aamir   |  15000 |
+---------+--------+
5 rows in set (0.00 sec)
```

11)

```
+---------+--------+
| f_name  | salary |
+---------+--------+
| Barun   |  80000 |
| Chitra  |  60000 |
| Dheeraj |  40000 |
+---------+--------+
3 rows in set (0.00 sec)
```

12)

```
+--------+--------+--------+----------+--------+------------+-----------+------------+---------------+
| emp_id | f_name | l_name | job_type | salary | commission | dept      | manager_id | date_of_joining |
+--------+--------+--------+----------+--------+------------+-----------+------------+---------------+
|      8 | Saul   | Good   | Engineer |  60000 |       NULL | R&D       |       NULL | 06-Sep-2014   |
|     10 | Sunny  | Deol   | Salesman |  20000 |      10000 | Marketing |          2 | 31-Mar-2001   |
|     11 | Bobby  | Deol   | Engineer |  35000 |       NULL | R&D       |          8 | 17-Oct-2017   |
+--------+--------+--------+----------+--------+------------+-----------+------------+---------------+
3 rows in set (0.00 sec)
```

13)

```
+--------+--------+--------+----------+--------+------------+------------+------------+---------------+
| emp_id | f_name | l_name | job_type | salary | commission | dept       | manager_id | date_of_joining |
+--------+--------+--------+----------+--------+------------+------------+------------+---------------+
|      3 | Chitra | Kapoor | Engineer |  60000 |       NULL | Production |          1 | 08-Jan-1998   |
|      5 | Emma   | Dutt   | Engineer |  55000 |       NULL | Production |          1 | 20-Mar-2002   |
|      8 | Saul   | Good   | Engineer |  60000 |       NULL | R&D        |       NULL | 06-Sep-2014   |
+--------+--------+--------+----------+--------+------------+------------+------------+---------------+
3 rows in set (0.00 sec)
```

14)

```
+--------+---------+--------+------------+--------+------------+------------+------------+---------------+
| emp_id | f_name  | l_name | job_type   | salary | commission | dept       | manager_id | date_of_joining |
+--------+---------+--------+------------+--------+------------+------------+------------+---------------+
|      1 | Arun    | Khan   | Manager    |  90000 |       NULL | Production |       NULL | 04-Jan-1998   |
|      2 | Barun   | Kumar  | Manager    |  80000 |       NULL | Marketing  |       NULL | 09-Feb-1998   |
|      3 | Chitra  | Kapoor | Engineer   |  60000 |       NULL | Production |          1 | 08-Jan-1998   |
|      4 | Dheeraj | Mishra | Manager    |  75000 |       NULL | Sales      |          4 | 27-Dec-2001   |
|      5 | Emma    | Dutt   | Engineer   |  55000 |       NULL | Production |          1 | 20-Mar-2002   |
|      6 | Floki   | Dutt   | Accountant |  70000 |       NULL | Accounts   |       NULL | 16-Jul-2000   |
+--------+---------+--------+------------+--------+------------+------------+------------+---------------+
6 rows in set (0.00 sec)
```

15)

```
+----------------+----------------+--------------+----------------+
| minimum_salary | maximum_salary | total_salary | average_salary |
+----------------+----------------+--------------+----------------+
|          30000 |          75000 |       105000 |     52500.0000 |
+----------------+----------------+--------------+----------------+
1 row in set (0.00 sec)
```