Jaypee University of Engineering and Technology
Database Systems Lab
Lab Exercise - 9

Note: Use Company Database for the exercise

1) Retrieve Department number and maximum salary of the department from Employee Table

```
+-----+-----------+
| dno | maxsalary |
+-----+-----------+
|   1 |     55000 |
|   4 |     43000 |
|   5 |     40000 |
+-----+-----------+
```

2) Retrieve Department number and maximum salary of the department from Employee Table and order records in descending order of department numbers

Output:

```
+-----+-----------+
| dno | maxsalary |
+-----+-----------+
|   5 |     40000 |
|   4 |     43000 |
|   1 |     55000 |
+-----+-----------+
```

3) Retrieve numbers of employee working for each department

Output:

```
+-----+----------+
| dno |   noemp  |
+-----+----------+
|   1 |        1 |
|   4 |        3 |
|   5 |        4 |
+-----+----------+
```

4)Retrieve all such department and numbers of employee if numbers of employees in the department is greater than 3

Output:

```
+-----+--------+
| dno | noemp  |
+-----+--------+
|   5 |      4 |
+-----+--------+
```

5)Display project wise working hours

Output:

```
+-----+------------+
| pno | sum(hours) |
+-----+------------+
|   1 |       52.5 |
|   2 |       37.5 |
```

```
|    3 |       50.0 |
|   10 |       55.0 |
|   20 |       41.0 |
|   30 |       55.0 |
+-----+-----------+
```

6)Retrive project number with least total working hours

Output:
```
+-----+-----------+
| pno | sum(hours) |
+-----+-----------+
|   2 |       37.5 |
+-----+-----------+
```

7) Retrieve Department wise total salary of male employees if total salary of department is greater than 30000.
Arrage all records in descending order of department number.

Output:
```
+-----+-----------+
| dno | totsalary |
+-----+-----------+
|   5 |    118000 |
|   1 |     55000 |
+-----+-----------+
```