SQL Exercise 2

1. Display the Supplier table in the descending order of CITY.

```
mysql> select * from supplier order by city desc;
+------+-------+--------+--------+
| S#   | sname | status | city   |
+------+-------+--------+--------+
| S2   | Jones |     10 | Paris  |
| S5   | Adams |     25 | Paris  |
| S1   | Smith |     20 | London |
| S4   | Clark |     20 | London |
| S3   | Blake |     30 | Athens |
+------+-------+--------+--------+
5 rows in set (0.01 sec)
```

2. Display the Part Table in the ascending order of CITY and within the city in the ascending order of Part names.

```
mysql> select * from parts order by city asc, Pname asc;
+------+--------+--------+--------+--------+
| P#   | Pname  | Color  | Weight | city   |
+------+--------+--------+--------+--------+
| P5   | Nail   | Yellow |     10 | Athens |
| P3   | Screw  | Blue   |     14 | Athens |
| P1   | Nut    | Red    |     12 | London |
| P4   | Washer | Red    |     12 | London |
| P2   | Bolt   | Green  |     17 | Paris  |
+------+--------+--------+--------+--------+
5 rows in set (0.00 sec)
```

3. Display all the Suppliers with a status between 10 and 20.

```
mysql> select * from supplier where status >= 10 and status <= 20;
+------+-------+--------+--------+
| S#   | sname | status | city   |
+------+-------+--------+--------+
| S1   | Smith |     20 | London |
| S2   | Jones |     10 | Paris  |
```

```
| S4   | Clark |    20 | London |
+------+-------+--------+--------+
3 rows in set (0.00 sec)
```

4. Display all the Parts and their Weight, which are not in the range of 10 and 15.

```
mysql> select `P#`, Pname, weight from parts where weight not between 10
 and 15;
+------+-------+--------+
| P#   | Pname | weight |
+------+-------+--------+
| P2   | Bolt  |    17 |
+------+-------+--------+
1 row in set (0.01 sec)
```

5. Display all the Part names starting with the letter 'S'.

```
mysql> select Pname from parts where Pname like 'S%';
+-------+
| Pname |
+-------+
| Screw |
+-------+
1 row in set (0.01 sec)
```

6. Display all the Suppliers, belonging to cities starting with the letter 'L'.

```
mysql> select * from supplier where city like 'L%';
+------+-------+--------+--------+
| S#   | sname | status | city   |
+------+-------+--------+--------+
| S1   | Smith |    20 | London |
| S4   | Clark |    20 | London |
+------+-------+--------+--------+
2 rows in set (0.00 sec)
```

7. Display all the Projects, with the third letter in JNAME as 'n'.

```
mysql> select * from projects where city like '__n%';
+------+----------+--------+
| J#   | Jname    | city   |
+------+----------+--------+
| J1   | Project1 | London |
| J5   | Project5 | London |
+------+----------+--------+
2 rows in set (0.00 sec)
```

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