SQL Exercise 2

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

Ans: select * from supplier order by CITY desc;

```
+------+----------+--------+--------+
| S#   | Sname    | Status | City   |
+------+----------+--------+--------+
| S2   | Supplier2 |    20 | Paris  |
| S1   | Supplier1 |    10 | London |
| S3   | Supplier3 |    30 | Athens |
+------+----------+--------+--------+
```

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

Ans: select * from Parts order by city asc,pname asc;

```
+------+-------+-------+--------+--------+
| P#   | Pname | Color | Weight | City   |
+------+-------+-------+--------+--------+
| P3   | Part3 | Green |  14.00 | Athens |
| P1   | Part1 | Red   |  12.50 | London |
| P2   | Part2 | Blue  |  13.00 | Paris  |
+------+-------+-------+--------+--------+
```

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

Ans: select * from supplier where status >10 and status<20;

```
+------+----------+--------+--------+
| S#   | Sname    | Status | City   |
+------+----------+--------+--------+
| S4   | Supplier4 |    15 | Mumbai |
+------+----------+--------+--------+
```

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

Ans: select Pname,Weight from Parts where Weight not between 10 and 15;

```
+-------+--------+
| Pname | Weight |
+-------+--------+
| Sahil |  16.20 |
+-------+--------+
```

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

Ans: Select * from parts where Pname like 'S%';

```
+------+--------+--------+--------+--------+
| P#   | Pname  | Color  | Weight | City   |
+------+--------+--------+--------+--------+
| P4   | Sahil  | Yellow |  16.20 | Mumbai |
+------+--------+--------+--------+--------+
```

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

Ans: select * from Supplier where city like 'L%';

```
+------+-----------+--------+--------+
| S#   | Sname     | Status | City   |
+------+-----------+--------+--------+
| S1   | Supplier1 |     10 | London |
+------+-----------+--------+--------+
```

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

Ans: Select * from Projects where JNAME like '__n%';

```
+------+-------+--------+
| J#   | Jname | City   |
+------+-------+--------+
| J4   | Jane  | Mumbai |
+------+-------+--------+
```