

SQL Exercise 2

1. Display the Supplier table in the descending order of CITY.
2. Display the Part Table in the ascending order of CITY and within the city in the ascending order of Part names.
3. Display all the Suppliers with a status between 10 and 20.
4. Display all the Parts and their Weight, which are not in the range of 10 and 15.
5. Display all the Part names starting with the letter 'S'.
6. Display all the Suppliers, belonging to cities starting with the letter 'L'.
7. Display all the Projects, with the third letter in JNAME as 'n'.

```
mysql> select * from S Order by City Desc;
+----+-----+-----+-----+
| Sno | Sname | Status | city |
+----+-----+-----+-----+
| S1  | Nidhi | 40     | Solapur |
| S7  | Pooja | 44     | Paris |
| S6  | Vishal | 64     | London |
| S3  | Nayan | 70     | Karjat |
| S2  | Namrata | 50     | Indore |
| S4  | Nikhil | 60     | Faltan |
| S5  | Nikhil | 80     | Baramati |
| S8  | Kirti | 54     | Athens |
+----+-----+-----+-----+
8 rows in set (0.00 sec)

mysql> select * from P;
+----+-----+-----+-----+-----+
| Pno | Pname | Color | Weight | City |
+----+-----+-----+-----+-----+
| P1  | Nut   | Red   | 12     | London |
| P2  | Bolt  | Green | 17     | Paris |
| P3  | Screw | Blue  | 17     | Rome |
| P4  | Screw | Red   | 14     | London |
| P5  | Cam   | Blue  | 12     | Paris |
| P6  | Cog   | Red   | 19     | London |
+----+-----+-----+-----+-----+
6 rows in set (0.01 sec)

mysql> select * from P Order by City,Pname Asc;
+----+-----+-----+-----+-----+
| Pno | Pname | Color | Weight | City |
+----+-----+-----+-----+-----+
| P6  | Cog   | Red   | 19     | London |
| P1  | Nut   | Red   | 12     | London |
| P4  | Screw | Red   | 14     | London |
| P2  | Bolt  | Green | 17     | Paris |
| P5  | Cam   | Blue  | 12     | Paris |
| P3  | Screw | Blue  | 17     | Rome |
+----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```

MySQL 9.0 Command Line Cll x + v
6 rows in set (0.00 sec)

mysql> select * from P ORDER BY City ASC, Pname ASC;
+----+-----+-----+-----+-----+
| Pno | Pname | Color | Weight | City |
+----+-----+-----+-----+-----+
| P6 | Cog | Red | 19 | London |
| P1 | Nut | Red | 12 | London |
| P4 | Screw | Red | 14 | London |
| P2 | Bolt | Green | 17 | Paris |
| P5 | Cam | Blue | 12 | Paris |
| P3 | Screw | Blue | 17 | Rome |
+----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> select * from S Where Status Between 10 and 20;
Empty set (0.01 sec)

mysql> select * from S Where Status Between 30 and 50;
+----+-----+-----+-----+
| Sno | Sname | Status | city |
+----+-----+-----+-----+
| S1 | Midhi | 40 | Solapur |
| S2 | Namrata | 50 | Indore |
| S7 | Pooja | 40 | Paris |
+----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from p;
+----+-----+-----+-----+-----+
| Pno | Pname | Color | Weight | City |
+----+-----+-----+-----+-----+
| P1 | Nut | Red | 12 | London |
| P2 | Bolt | Green | 17 | Paris |
| P3 | Screw | Blue | 17 | Rome |
| P4 | Screw | Red | 14 | London |
| P5 | Cam | Blue | 12 | Paris |
| P6 | Cog | Red | 19 | London |
+----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

```

```

mysql> select Pname ,weight from p where weight not Between 10 and 15;
+-----+-----+
| Pname | weight |
+-----+-----+
| Bolt | 17 |
| Screw | 17 |
| Cog | 19 |
+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from P where Pname='S%';
Empty set (0.01 sec)

mysql>

```

```

mysql> select * from S Where City Like 'L%';
+----+-----+-----+-----+
| Sno | Sname | Status | city |
+----+-----+-----+-----+
| S6 | Vishal | 64 | London |
+----+-----+-----+-----+
1 row in set (0.09 sec)

```

Sameer Dehadrai

```
mysql> select *from P where Jname Like '__n%';  
ERROR 1054 (42S22): Unknown column 'Jname' in 'where clause'  
mysql> select *from P where Jname Like '__n%';  
ERROR 1054 (42S22): Unknown column 'Jname' in 'where clause'  
mysql> select *from P where Jname Like '--n%';  
ERROR 1054 (42S22): Unknown column 'Jname' in 'where clause'  
mysql> SELECT * FROM P WHERE PNAME LIKE '__n%'  
      -> ;  
Empty set (0.01 sec)
```