

SQL Exercise 5

1. Display the Supplier name and the Quantity sold.

```
mysql> select sname,Qty from supplier,SPJ
-> where supplier.`S#`=SPJ.`S#`;
+-----+-----+
| sname | Qty |
+-----+-----+
| Siran | 100 |
| Bloke | 200 |
| Arun  | 300 |
| Kirun | 150 |
| Tarun | 250 |
+-----+-----+
5 rows in set (0.25 sec)

mysql>
```

2. Display the Part name and Quantity sold.

```
mysql> select pname,qty from parts,spj
-> where parts.`p#` = spj.`p#`;
+-----+-----+
| pname | qty |
+-----+-----+
| Part1 | 100 |
| Part2 | 200 |
| Part3 | 300 |
| Part4 | 150 |
| Part5 | 250 |
+-----+-----+
5 rows in set (0.00 sec)

mysql> _
```

3. Display the Project name and Quantity sold.

```
mysql> select jname,qty from projects,spj
-> where projects.`j#`=spj.`j#`;
+-----+-----+
| jname          | qty |
+-----+-----+
| Website Redesign | 100 |
| General Project Update | 200 |
| Updated Projects | 300 |
| Project4       | 150 |
| Updated Projects | 250 |
+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

4. Display the Supplier name, Part name, Project name and Quantity sold.

```

where projects.`j#`=spj.`j#`' at line 3
mysql> select sname,pname,jname,qty from supplier,parts,projects,spj
-> where supplier.`s#`=spj.`s#` and
-> parts.`p#`=spj.`p#` and
-> projects.`j#`=spj.`j#`;
+-----+-----+-----+-----+
| sname | pname | jname          | qty |
+-----+-----+-----+-----+
| Siran | Part1 | Website Redesign | 100 |
| Bloke | Part2 | General Project Update | 200 |
| Arun  | Part3 | Updated Projects | 300 |
| Kirun | Part4 | Project4        | 150 |
| Tarun | Part5 | Updated Projects | 250 |
+-----+-----+-----+-----+
5 rows in set (0.65 sec)

mysql>

```

5. Display the Supplier name, Supplying Parts to a Project in the same City.

```

-> parts.city = projects.city;
+-----+-----+
| sname | pname |
+-----+-----+
| Bloke | Part1 |
| Kirun | Part4 |
| Tarun | Part5 |
+-----+-----+
3 rows in set (0.16 sec)

mysql>

```

6. Display the Part name that is 'Red' is color, and the Quantity sold

```

ERROR 1054 (42S22): Unknown column 'parts.cplor' in 'where clause'
mysql> select pname,qty from parts,spj
-> where parts.`p#` = spj.`p#` and
-> parts.color = 'red';
+-----+-----+
| pname | qty |
+-----+-----+
| Part1 | 100 |
+-----+-----+
1 row in set (0.00 sec)

mysql>

```

7. Display all the Quantity sold by Suppliers with the Status = 20.

```
mysql> select qty,status from supplier,spj
-> where supplier.`s#`=spj.`s#` and
-> status = 20;
+-----+-----+
| qty | status |
+-----+-----+
| 200 |      20 |
+-----+-----+
1 row in set (0.01 sec)

mysql>
```

8. Display all the Parts and Quantity with a Weight > 14.

```
weight>14 at line 2
mysql> select pname ,qty from parts,spj
-> where parts.`p#`=spj.`p#` and
-> weight>14;
+-----+-----+
| pname | qty |
+-----+-----+
| Part2 | 200 |
| Part5 | 250 |
+-----+-----+
2 rows in set (0.00 sec)

mysql> █
```

9. Display all the Project names and City, which has bought more than 500 Parts.

```
mysql> select jname,city from projects,spj
-> where projects.`j#`=spj.`j#` and
-> qty>500;
Empty set (0.00 sec)

mysql> █
```

10. Display all the Part names and Quantity sold that have a Weight less than 15.

```
mysql> select pname,qty from parts,spj
-> where parts.`p#`=spj.`p#` and
-> weight<15;
```

```
+-----+-----+
| pname | qty |
+-----+-----+
| Part1 | 100 |
| Part3 | 300 |
| Part4 | 150 |
+-----+-----+
```

```
3 rows in set (0.00 sec)
```

```
mysql>
```