

BLM2058 Lab-6  
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1)

```
mysql> SELECT SUM(Orders.quantity * Part.price ) FROM Orders INNER JOIN Part ON Orders.partnum = Part.partnum;
+-----+
| SUM(Orders.quantity * Part.price ) |
+-----+
| 33868.30017089844 |
+-----+
1 row in set (0.00 sec)
```

2)

```
mysql> SELECT Orders.name, SUM(Orders.quantity * Part.price ) FROM Orders INNER JOIN Part ON Orders.partnum = Part.partnum GROUP BY Orders.name;
+-----+
| name | SUM(Orders.quantity * Part.price ) |
+-----+
| AAA BIKE | 3533.5 |
| LE SHOPPE | 6250 |
| JACKS BIKE | 7420 |
| TRUE WHEEL | 5088.7000732421875 |
| BIKE SPEC | 11576.10009765625 |
+-----+
5 rows in set (0.00 sec)
```

3)

```
mysql> SELECT Part.description, SUM( Orders.quantity ) FROM Orders INNER JOIN Part ON Orders.partnum = Part.partnum GROUP BY Part.description ;
+-----+
| description | SUM( Orders.quantity ) |
+-----+
| TIRES | 14 |
| ROAD BIKE | 37 |
| TANDEM | 7 |
| MOUNTAIN BIKE | 14 |
| PEDALS | 10 |
| SEATS | 8 |
+-----+
6 rows in set (0.00 sec)
```

4)

```
mysql> SELECT SUM(Orders.quantity * Part.price ) FROM Orders INNER JOIN Part ON Orders.partnum = Part.partnum WHERE Part.description = "MOUNTAIN BIKE";
+-----+
| SUM(Orders.quantity * Part.price ) |
+-----+
| 4906.3001708984375 |
+-----+
1 row in set (0.00 sec)
```

5)

```
mysql> SELECT Orders.name, Customer.address, SUM(Orders.quantity * Part.price ) AS Total, Part.description FROM Orders INNER JOIN Customer ON Customer.name = Orders.name INNER JOIN Part ON Part.partnum = Orders.partnum GROUP BY Part.description, Customer.name ORDER BY Orders.name ASC, Part.price;
+-----+
| name | address | Total | description |
+-----+
| AAA BIKE | 10 OLDTOWN | 213.5 | TIRES |
| AAA BIKE | 10 OLDTOWN | 2120 | ROAD BIKE |
| AAA BIKE | 10 OLDTOWN | 1200 | TANDEM |
| BIKE SPEC | CPT SHRIVE | 542.5 | PEDALS |
| BIKE SPEC | CPT SHRIVE | 2803.60009765625 | MOUNTAIN BIKE |
| BIKE SPEC | CPT SHRIVE | 5830 | ROAD BIKE |
| BIKE SPEC | CPT SHRIVE | 2400 | TANDEM |
| JACKS BIKE | 24 EGLIN | 7420 | ROAD BIKE |
| LE SHOPPE | HOMETOWN | 2650 | ROAD BIKE |
| LE SHOPPE | HOMETOWN | 3600 | TANDEM |
| TRUE WHEEL | 550 HUSKER | 196 | SEATS |
| TRUE WHEEL | 550 HUSKER | 2102.7000732421875 | MOUNTAIN BIKE |
| TRUE WHEEL | 550 HUSKER | 1590 | ROAD BIKE |
| TRUE WHEEL | 550 HUSKER | 1200 | TANDEM |
+-----+
14 rows in set (0.00 sec)
```

6)

```
mysql> SELECT orderedon, name, partnum, quantity FROM Orders WHERE quantity = 1 AND name = "TRUE WHEEL";
+-----+-----+-----+-----+
| orderedon | name      | partnum | quantity |
+-----+-----+-----+-----+
| 2-SEP-1996 | TRUE WHEEL |      10 |         1 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```