

## JOIN QUERY TO FETCH DATA FROM TWO RELATED TABLES

Enter password: \*\*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 9

Server version: 8.0.30 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> use inventory;
```

Database changed

```
mysql> select * from product;
```

```
+----+-----+-----+
```

```
| PID | PNAME | PRICE |
```

```
+----+-----+-----+
```

```
| 101 | Shirt | 300 |
```

```
| 102 | Shoes | 900 |
```

```
| 103 | Watch | 1500 |
```

```
| 104 | Gloves | 200 |
```

```
+----+-----+-----+
```

4 rows in set (0.00 sec)

```
mysql> select * from sale;
```

```
+-----+-----+-----+
```

```
| SID | PID | QNTY |
```

```

+-----+-----+-----+
| 200 | 101 | 60 |
| 201 | 102 | 50 |
| 202 | 103 | 50 |

```

```

+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> select product.PNAME , product.PRICE , sale.QNTY from product join sale

-> on product.PID = sale.PID;

```

+-----+-----+-----+
| PNAME | PRICE | QNTY |
+-----+-----+-----+
| Shirt | 300 | 60 |
| Shoes | 900 | 50 |
| Watch | 1500 | 50 |

```

```

+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> select product.PNAME , product.PRICE , sale.QNTY from product inner join sale

-> on product.PID = sale.PID;

```

+-----+-----+-----+
| PNAME | PRICE | QNTY |
+-----+-----+-----+
| Shirt | 300 | 60 |
| Shoes | 900 | 50 |
| Watch | 1500 | 50 |

```

```

+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> select product.PNAME , product.PRICE , sale.QNTY from product right join sale

-> on product.PID = sale.PID;

```
+-----+-----+-----+
| PNAME | PRICE | QNTY |
```

```
+-----+-----+-----+
| Shirt | 300 | 60 |
| Shoes | 900 | 50 |
| Watch | 1500 | 50 |
```

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

```
mysql> select product.PNAME , product.PRICE , sale.QNTY from product left join sale
-> on product.PID = sale.PID;
```

```
+-----+-----+-----+
| PNAME | PRICE | QNTY |
+-----+-----+-----+
| Shirt | 300 | 60 |
| Shoes | 900 | 50 |
| Watch | 1500 | 50 |
| Gloves | 200 | NULL |
```

```
+-----+-----+-----+
4 rows in set (0.01 sec)
```

```
mysql> insert into sale(SID,PID) values(203, 104);
Query OK, 1 row affected (0.05 sec)
```

```
mysql> select * from sale;
```

```
+-----+-----+-----+
| SID | PID | QNTY |
+-----+-----+-----+
| 200 | 101 | 60 |
| 201 | 102 | 50 |
| 202 | 103 | 50 |
```

203   104   NULL
------------------

+-----+-----+-----+
---------------------

4 rows in set (0.00 sec)

mysql> select product.PNAME , product.PRICE , sale.QNTY from product right join sale

-> on product.PID = sale.PID;

+-----+-----+-----+
---------------------

PNAME   PRICE   QNTY
----------------------

+-----+-----+-----+
---------------------

Shirt   300   60
------------------

Shoes   900   50
------------------

Watch   1500   50
-------------------

Gloves   200   NULL
---------------------

+-----+-----+-----+
---------------------

4 rows in set (0.00 sec)

mysql> select product.PNAME , product.PRICE , sale.QNTY from product left join sale

-> on product.PID = sale.PID;

+-----+-----+-----+
---------------------

PNAME   PRICE   QNTY
----------------------

+-----+-----+-----+
---------------------

Shirt   300   60
------------------

Shoes   900   50
------------------

Watch   1500   50
-------------------

Gloves   200   NULL
---------------------

+-----+-----+-----+
---------------------

4 rows in set (0.00 sec)