

### Query 1

```
MariaDB [listings]> SELECT p.address
    -> FROM Property p
    -> JOIN House h ON p.address = h.address
    -> JOIN Listings l ON p.address = l.address;
+-----+
| address
+-----+
| 1428 Elm St., Springwood, OH
| 1675 Ridgeway St., Harrisville, RI
| 3600 Prospect St., Georgetown, Washington, D.C.
| 3871 Tomales Petaluma Rd., Tomales, CA
| 709 Meridian Ave., Haddonfield, IL
+-----+
5 rows in set (0.001 sec)
```

### Query 2

```
MariaDB [listings]> SELECT p.address, l.mlsNumber
    -> FROM Property p
    -> JOIN House h ON p.address = h.address
    -> JOIN Listings l ON p.address = l.address;
+-----+-----+
| address          | mlsNumber |
+-----+-----+
| 1428 Elm St., Springwood, OH | 1002 |
| 1675 Ridgeway St., Harrisville, RI | 1004 |
| 3600 Prospect St., Georgetown, Washington, D.C. | 1005 |
| 3871 Tomales Petaluma Rd., Tomales, CA | 1001 |
| 709 Meridian Ave., Haddonfield, IL | 1003 |
+-----+-----+
5 rows in set (0.001 sec)
```

### Query 3

```
MariaDB [listings]> SELECT p.address
    -> FROM Property p
    -> JOIN House h ON p.address = h.address
    -> JOIN Listings l ON p.address = l.address
    -> WHERE h.bedrooms = 3 AND h.bathrooms = 2;
+-----+
| address
+-----+
| 1428 Elm St., Springwood, OH |
+-----+
1 row in set (0.001 sec)
```

### Query 4

```

MariaDB [listings]> SELECT p.address, p.price
-> FROM Property p
-> JOIN House h ON p.address = h.address
-> JOIN Listings l ON p.address = l.address
-> WHERE h.bedrooms = 3
-> AND h.bathrooms = 2
-> AND p.price BETWEEN 100000 AND 250000
-> ORDER BY p.price DESC;
+-----+
| address | price |
+-----+
| 1428 Elm St., Springwood, OH | 210000 |
+-----+
1 row in set (0.011 sec)

MariaDB [listings]>

```

### Query 5

```

MariaDB [listings]> SELECT p.address, p.price
-> FROM Property p
-> JOIN BusinessProperty b ON p.address = b.address
-> JOIN Listings l ON p.address = l.address
-> WHERE b.type = 'Office Space'
-> ORDER BY p.price DESC;
+-----+
| address | price |
+-----+
| Wall Street Office, NYC, NY | 550000 |
+-----+
1 row in set (0.010 sec)

```

### Query 6

```

MariaDB [listings]> SELECT a.agentId, a.name, a.phone, f.name AS firmName, a.dateStarted
-> FROM Agent a
-> JOIN Firm f ON a.firmId = f.id;
+-----+
| agentId | name | phone | firmName | dateStarted |
+-----+
| 1 | Laurie Strode | 555-1010 | Haddonfield Realty | 2020-01-01 |
| 2 | Nancy Thompson | 555-2020 | Springwood Homes | 2019-03-15 |
| 3 | Sidney Prescott | 555-3030 | Woodsboro Estates | 2021-06-10 |
| 4 | Ellen Ripley | 555-4040 | Nostromo Realty | 2022-02-20 |
| 5 | Alice Hardy | 555-5050 | Crystal Lake Realty | 2018-11-05 |
+-----+
5 rows in set (0.000 sec)

```

### Query 7

```
MariaDB [listings]> SELECT p.address, p.ownerName, p.price, l.mlsNumber, l.dateListed
-> FROM Property p
-> JOIN Listings l ON p.address = l.address
-> WHERE l.agentId = 1;
+-----+-----+-----+-----+
| address          | ownerName | price   | mlsNumber | dateListed |
+-----+-----+-----+-----+
| 3871 Tomales Petaluma Rd., Tomales, CA | Stu Macher | 250000 | 1001 | 2023-01-01 |
| 333 Estes Drive, Estes Park, CO       | Stanley Family | 450000 | 1006 | 2023-06-01 |
+-----+-----+-----+-----+
2 rows in set (0.000 sec)
```

### Query 8

```
MariaDB [listings]> SELECT a.name AS agentName, b.name AS buyerName
-> FROM Works_With w
-> JOIN Agent a ON w.agentId = a.agentId
-> JOIN Buyer b ON w.buyerId = b.id
-> ORDER BY a.name, b.name;
+-----+-----+
| agentName | buyerName |
+-----+-----+
| Alice Hardy | Jason Voorhees |
| Alice Hardy | Pazuzu |
| Ellen Ripley | Annabelle |
| Ellen Ripley | Patrick Bateman |
| Laurie Strode | Jigsaw |
| Laurie Strode | Michael Myers |
| Nancy Thompson | Blair Witch |
| Nancy Thompson | Freddy Krueger |
| Sidney Prescott | Chucky |
| Sidney Prescott | Ghostface |
+-----+-----+
10 rows in set (0.000 sec)
```

### Query 9

```
MariaDB [listings]> SELECT a.agentId, COUNT(w.buyerId) AS buyerCount
-> FROM Agent a
-> LEFT JOIN Works_With w ON a.agentId = w.agentId
-> GROUP BY a.agentId;
+-----+-----+
| agentId | buyerCount |
+-----+-----+
| 1 | 2 |
| 2 | 2 |
| 3 | 2 |
| 4 | 2 |
| 5 | 2 |
+-----+-----+
5 rows in set (0.001 sec)
```

### Query 10

```
MariaDB [listings]> SELECT p.address, p.price, h.bedrooms, h.bathrooms, h.size
-> FROM Buyer b
-> JOIN House h ON b.bedrooms = h.bedrooms AND b.bathrooms = h.bathrooms
-> JOIN Property p ON h.address = p.address
-> JOIN Listings l ON p.address = l.address
-> WHERE b.id = 1
-> ORDER BY p.price DESC;
+-----+-----+-----+-----+-----+
| address          | price | bedrooms | bathrooms | size |
+-----+-----+-----+-----+-----+
| 1428 Elm St., Springwood, OH | 210000 |      3 |        2 | 1800 |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)
```