

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 Strobe | 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	Chuck
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)