

```
MariaDB [348f24_s499p508]> show tables;
```

```
+-----+
| Tables_in_348f24_s499p508 |
+-----+
| Enrollment                |
| Faculty                   |
| Offering                   |
| Student                   |
| course                     |
+-----+
```

```
5 rows in set (0.000 sec)
```

```
MariaDB [348f24_s499p508]> SELECT StdFirstName, StdLastName, StdCity, StdGPA FROM Student WHERE StdGPA > 3.7;
```

```
+-----+-----+-----+-----+
| StdFirstName | StdLastName | StdCity | StdGPA |
+-----+-----+-----+-----+
| CRISTOPHER   | COLAN       | SEATTLE | 4.00   |
| WILLIAM      | PILGRIM     | BOTHELL | 3.80   |
+-----+-----+-----+-----+
```

```
2 rows in set (0.001 sec)
```

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT StdFirstName, StdLastName, StdGPA FROM Student ORDER BY StdGPA DESC;
```

```
+-----+-----+-----+
| StdFirstName | StdLastName | StdGPA |
+-----+-----+-----+
| CRISTOPHER   | COLAN       | 4.00   |
| WILLIAM      | PILGRIM     | 3.80   |
| MARIAH       | DODGE       | 3.60   |
| CANDY        | KENDALL     | 3.50   |
| TESS         | DODGE       | 3.30   |
| JOE          | ESTRADA     | 3.20   |
| HOMER        | WELLS       | 3.00   |
| WALLY        | KENDALL     | 2.80   |
| BOB          | NORBERT     | 2.70   |
| ROBERTO      | MORALES     | 2.50   |
| LUKE         | BRAZZI     | 2.20   |
+-----+-----+-----+
```

```
11 rows in set (0.001 sec)
```

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT * FROM course WHERE CrsDesc LIKE '%IS%';
```

```
+-----+-----+-----+
| CourseNo | CrsDesc          | CrsUnits |
+-----+-----+-----+
| IS460    | SYSTEMS ANALYSIS | 4        |
+-----+-----+-----+
```

```
1 row in set (0.000 sec)
```

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT OfferNo, CourseNo FROM Offering WHERE FacNo IS NULL AND OffTerm = 'SUMMER';
```

```
+-----+-----+
| OfferNo | CourseNo |
+-----+-----+
| 1111    | IS320    |
| 2222    | IS460    |
+-----+-----+
```

```
2 rows in set (0.000 sec)
```

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT Offering.OfferNo, Offering.CourseNo, Faculty.FacFirstName, Faculty.FacLastName FROM Offering JOIN Faculty ON Offering.FacNo = Faculty.FacNo WHERE Offering.OffTerm = 'SPRING' AND Faculty.FacRank = 'ASST';
```

OfferNo	CourseNo	FacFirstName	FacLastName
3333	IS320	LEONARD	VINCE
5679	IS480	CRISTOPHER	COLAN

2 rows in set (0.001 sec)

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT DISTINCT FacNo FROM Offering WHERE FacNo IS NOT NULL;
```

FacNo
098-76-5432
543-21-0987
765-43-2109
987-65-4321
876-54-3210
654-32-1098

6 rows in set (0.000 sec)

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT StdFirstName AS FirstName FROM Student WHERE StdCity = 'BOTHELL' UNION SELECT FacFirstName AS FirstName FROM Faculty WHERE FacCity = 'BELLEVUE';
```

FirstName
BOB
WILLIAM
NICKI

3 rows in set (0.001 sec)

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> INSERT INTO Student (StdNo, StdFirstName, StdLastName, StdCity, StdState, StdMajor, StdClass, StdGPA, StdZip) VALUES ('999-99-9999', 'JOHN', 'DOE', 'LAWRENCE', 'KS', 'FIN', 'FR', 4.0, '66045'); SELECT * FROM Student;
Query OK, 1 row affected (0.001 sec)
```

StdNo	StdFirstName	StdLastName	StdCity	StdState	StdZip	StdMajor	StdClass	StdGPA
123-45-6789	HOMER	WELLS	SEATTLE	WA	98121-1111	IS	FR	3.00
124-56-7890	BOB	NORBERT	BOTHELL	WA	98011-2121	FIN	JR	2.70
234-56-7890	CANDY	KENDALL	TACOMA	WA	99042-3321	ACCT	JR	3.50
345-67-8901	WALLY	KENDALL	SEATTLE	WA	98123-1141	IS	SR	2.80
456-78-9012	JOE	ESTRADA	SEATTLE	WA	98121-2333	FIN	SR	3.20
567-89-0123	MARIAH	DODGE	SEATTLE	WA	98114-0021	IS	JR	3.60
678-90-1234	TESS	DODGE	REDMOND	WA	98116-2344	ACCT	SO	3.30
789-01-2345	ROBERTO	MORALES	SEATTLE	WA	98121-2212	FIN	JR	2.50
876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	98114-1332	IS	SR	4.00
890-12-3456	LUKE	BRAZZI	SEATTLE	WA	98116-0021	IS	SR	2.20
901-23-4567	WILLIAM	PILGRIM	BOTHELL	WA	98113-1885	IS	SO	3.80
999-99-9999	JOHN	DOE	LAWRENCE	KS	66045	FIN	FR	4.00

12 rows in set (0.000 sec)

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> UPDATE Student SET StdMajor = 'ACCT' WHERE StdFirstName = 'HOMER' AND StdLastName = 'WELLS'; SELECT * FROM Student;
Query OK, 0 rows affected (0.000 sec)
Rows matched: 1 Changed: 0 Warnings: 0
```

StdNo	StdFirstName	StdLastName	StdCity	StdState	StdZip	StdMajor	StdClass	StdGPA
123-45-6789	HOMER	WELLS	SEATTLE	WA	98121-1111	ACCT	FR	3.00
124-56-7890	BOB	NORBERT	BOTHELL	WA	98011-2121	FIN	JR	2.70
234-56-7890	CANDY	KENDALL	TACOMA	WA	99042-3321	ACCT	JR	3.50
345-67-8901	WALLY	KENDALL	SEATTLE	WA	98123-1141	IS	SR	2.80
456-78-9012	JOE	ESTRADA	SEATTLE	WA	98121-2333	FIN	SR	3.20
567-89-0123	MARIAH	DODGE	SEATTLE	WA	98114-0021	IS	JR	3.60
678-90-1234	TESS	DODGE	REDMOND	WA	98116-2344	ACCT	SO	3.30
789-01-2345	ROBERTO	MORALES	SEATTLE	WA	98121-2212	FIN	JR	2.50
876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	98114-1332	IS	SR	4.00
890-12-3456	LUKE	BRAZZI	SEATTLE	WA	98116-0021	IS	SR	2.20
901-23-4567	WILLIAM	PILGRIM	BOTHELL	WA	98113-1885	IS	SO	3.80
999-99-9999	JOHN	DOE	LAWRENCE	KS	66045	FIN	FR	4.00

12 rows in set (0.000 sec)

```
MariaDB [348f24_s499p508]>
```

```
MariaDB [348f24_s499p508]> SELECT * FROM Student WHERE StdNo IN (SELECT FacNo FROM Faculty);
```

StdNo	StdFirstName	StdLastName	StdCity	StdState	StdZip	StdMajor	StdClass	StdGPA
876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	98114-1332	IS	SR	4.00

1 row in set (0.001 sec)

```
MariaDB [348f24_s499p508]>
```