

```
MariaDB [j026f603]> 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 [j026f603]> 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 [j026f603]> select CourseNo, CrsDesc, CrsUnits from course where CourseNo > 'IS4';
```

```
+-----+-----+-----+
| CourseNo | CrsDesc                | CrsUnits |
+-----+-----+-----+
| IS460    | SYSTEMS ANALYSIS       | 4        |
| IS470    | BUSINESS DATA COMMUNICATIONS | 4        |
| IS480    | FUNDAMENTALS OF DATABASE MANAGEMENT | 4        |
+-----+-----+-----+
```

3 rows in set (0.001 sec)

```
MariaDB [j026f603]> select OfferNo, CourseNo from Offering where FacNo is null intersect  
select OfferNo, CourseNo from Offering where OffTerm = 'SUMMER';
```

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

2 rows in set (0.001 sec)

```
MariaDB [j026f603]> select o.OfferNo, o.CourseNo, f.FacFirstName, f.FacLastName from  
Offering o, Faculty f where (o.OffTerm = 'SPRING') and (f.FacRank = 'ASST') and (f.FacNo =  
o.FacNo);
```

```
+-----+-----+-----+-----+  
| OfferNo | CourseNo | FacFirstName | FacLastName |  
+-----+-----+-----+-----+  
| 3333 | IS320 | LEONARD | VINCE |  
| 5679 | IS480 | CRISTOPHER | COLAN |  
+-----+-----+-----+-----+
```

2 rows in set (0.001 sec)

MariaDB [j026f603]> select distinct FacNo from Offering;

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

7 rows in set (0.001 sec)

```
MariaDB [j026f603]> select StdFirstName as FirstNames from Student where StdCity =  
'BOTHELL' union select FacFirstName from Faculty where FacCity = 'BELLEVUE';
```

```
+-----+  
| FirstNames |  
+-----+  
| BOB      |  
| WILLIAM  |  
| NICKI    |
```

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

3 rows in set (0.001 sec)

```
MariaDB [j026f603]> insert into Student values ('999-99-9999', 'John', 'Doe', 'Lawrence', 'KS',  
'66045', 'FIN', 'FR', 4.0);
```

Query OK, 1 row affected (0.001 sec)

```
MariaDB [j026f603]> select * from Student
```

```
-> ;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
| 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
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+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
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12 rows in set (0.001 sec)

MariaDB [j026f603]> update Student set StdMajor = 'ACCT' where (StdFirstName = 'HOMER')
and (StdLastName = 'WELLS');

Query OK, 1 row affected (0.001 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [j026f603]> select * from Student;

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
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+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+	+-----+
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12 rows in set (0.001 sec)

MariaDB [j026f603]> select s.* from Student s, Faculty f where s.StdNo = f.FacNo;

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)