

1.)

```
MariaDB [j437o354]> SELECT StdFirstName, StdLastName, StdCity, StdGPA FROM Student WHERE StdGPA > 3.70;
```

StdFirstName	StdLastName	StdCity	StdGPA
CRISTOPHER	COLAN	SEATTLE	4.00
WILLIAM	PILGRIM	BOTHELL	3.80

2 rows in set (0.001 sec)

2.)

```
(MariaDB [j437o354]> 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)
```

3.)

```
[MariaDB [j437o354]> SELECT * FROM course WHERE CourseNo LIKE '%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)
```

4.)

```
[MariaDB [j437o354]> SELECT OfferNo, CourseNo FROM Offering WHERE FacNo IS NULL AND OffTerm LIKE '%SUMMER%';
```

OfferNo	CourseNo
1111	IS320
2222	IS460

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

5.)

```
MariaDB [j437o354]> SELECT O.OfferNo, O.CourseNo, F.FacFirstName, F.FacLastName FROM Offering O, Faculty F WHERE O.OffTerm LIKE '%SPRING%' AND F.FacRank LIKE 'ASST%' AND O.FacNo LIKE F.FacNo;
```

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

2 rows in set (0.001 sec)

6.)

```
[MariaDB [j437o354]> 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)
```

7.)

```
[MariaDB [j437o354]> SELECT StdFirstName FROM Student WHERE StdCity LIKE '%BOTHELL%'
[      -> UNION
[      -> SELECT FacFirstName FROM Faculty WHERE FacCity LIKE '%BELLEVUE%';
+-----+
| StdFirstName |
+-----+
| BOB          |
| WILLIAM      |
| NICKI        |
+-----+
3 rows in set (0.001 sec)
```

8.)

```
[MariaDB [j437o354]> INSERT INTO Student  
[ -> VALUES ('999-99-9999', 'JOHN', 'DOE', 'LAWRENCE', 'KS', '66045', 'FIN', 'FR', '4.00');  
Query OK, 1 row affected (0.001 sec)
```

```
[MariaDB [j437o354]> 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

12 rows in set (0.001 sec)

9.)

```
[MariaDB [j437o354]> UPDATE Student  
-> SET StdMajor = 'ACCT'  
-> WHERE StdNo = '123-45-6789';
```

Query OK, 1 row affected (0.002 sec)

Rows matched: 1 Changed: 1 Warnings: 0

```
[MariaDB [j437o354]> 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

12 rows in set (0.001 sec)

10.) This one was copy pasted onto a text editor since the table was too large to fit on my screen

```
MariaDB [j437o354]> SELECT * FROM Student
-> INNER JOIN Faculty
-> ON Student.StdNo = Faculty.FacNo;
```

StdNo	StdFirstName	StdLastName	StdCity	StdState	StdZip	StdMajor	StdClass	StdGPA	FacNo	FacFirstName	FacLastName	FacCity	FacState	FacDept	FacRank	FacSalary	FacSupervisor	FacHireDate	FacZipCode
876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	98114-1332	IS	SR	4.00	876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	MS	ASST	40000.00	654-32-1098	2011-03-01	98114-1332

1 row in set (0.001 sec)