

Question 1)

```
MariaDB [348f23_a982j684]> 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)

Question 2)

```
MariaDB [348f23_a982j684]> 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)

Question 3)

```
MariaDB [348f23_a982j684]> SELECT * FROM course WHERE CourseNo REGEXP '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)

Question 4)

```
MariaDB [348f23_a982j684]> SELECT OfferNo, CourseNo FROM Offering WHERE FacNo IS NULL AND OffTerm='SUMMER';
```

+-----+-----+

OfferNo	CourseNo
1111	IS320
2222	IS460

2 rows in set (0.001 sec)

Question 5)

```
MariaDB [348f23_a982j684]> SELECT o.OfferNo, o.CourseNo, f.FacFirstName,
f.FacLastName FROM Offering o INNER JOIN Faculty f ON o.FacNo = f.FacNo WHERE
OffTerm = 'SPRING' AND f.FacRank = 'ASST';
```

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

2 rows in set (0.001 sec)

Question 6)

```
MariaDB [348f23_a982j684]> 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)

Question 7)

```
MariaDB [348f23_a982j684]> SELECT StdFirstName AS Name FROM Student WHERE
StdCity='BOTHHELL' UNION SELECT FacFirstName FROM Faculty WHERE FacCity='BELLEVUE';
```

Name
BOB
WILLIAM
NICKI

3 rows in set (0.001 sec)

Question 8)

```
MariaDB [348f23_a982j684]> INSERT INTO Student VALUES ('999-99-9999', 'John',
```

'Doe', 'Lawrence', 'KS', '66085', 'FIN', 'FR', 4.00);
 Query OK, 1 row affected (0.002 sec)

MariaDB [348f23_a982j684]> 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	66085	FIN
FR	4.00					

12 rows in set (0.001 sec)

Question 9)

MariaDB [348f23_a982j684]> UPDATE Student SET StdMajor='ACCT' WHERE
 StdFirstName='Homer' AND StdLastName='Wells';

Query OK, 1 row affected (0.002 sec)

Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [348f23_a982j684]> 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	66085	FIN	
FR	4.00						

12 rows in set (0.001 sec)

Question 10)

```
MariaDB [348f23_a982j684]> SELECT s.* FROM Student s INNER JOIN Faculty f ON
f.FacFirstName=s.StdFirstName AND f.FacLastName=s.StdLastName;
```

StdNo	StdFirstName	StdLastName	StdCity	StdState	StdZip	
876-54-3210	CRISTOPHER	COLAN	SEATTLE	WA	98114-1332	IS

1 row in set (0.001 sec)