

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 Offering WHERE CourseNo REGEXP 'IS4.*';

OfferNo	CourseNo	OffTerm	OffYear	OffLocation	OffTime	FacNo
2222	IS460	SUMMER	2019	BLM412	13:30:00	NULL
5678	IS480	WINTER	2020	BLM302	10:30:00	987-65-4321
5679	IS480	SPRING	2020	BLM412	15:30:00	876-54-3210
9876	IS460	SPRING	2020	BLM307	13:30:00	654-32-1098

4 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';
```

```
+-----+-----+-----+-----+
| OfferNo | CourseNo | FacFirstName | FacLastName |
+-----+-----+-----+-----+
| 3333    | IS320    | LEONARD      | VINCE       |
| 5679    | IS480    | CRISTOPHER   | COLAN       |
| 7777    | FIN480   | NICKI        | MACON       |
| 9876    | IS460    | LEONARD      | FIBON       |
+-----+-----+-----+-----+
4 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='BOTHELL' UNION SELECT FacFirstName FROM Faculty WHERE FacCity='BOTHELL';
```

```
+-----+
| Name |
+-----+
| BOB  |
+-----+
```

```
| WILLIAM |
| VICTORIA |
+-----+
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 | 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)
```

123-45-6789	HOMER	3.00	WELLS	SEATTLE	WA	98121-1111	
ACCT	FR						
124-56-7890	BOB		NORBERT	BOTHELL	WA	98011-2121	FIN
JR	2.70						
234-56-7890	CANDY	3.50	KENDALL	TACOMA	WA	99042-3321	
ACCT	JR						
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
SR	4.00					

1 row in set (0.001 sec)