1)

```
MariaDB [348s24_r781k132]> 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)
```

2)

```
MariaDB [348s24_r781k132]> 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 [348s24_r781k132]> SELECT CourseNo, CrsDesc, CrsUnits 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 [348s24_r781k132]> SELECT OfferNo, CourseNo FROM Offering WHERE offTerm = 'SUMMER' and
FacNo is NULL;
+---------+----------+
| OfferNo | CourseNo |
+---------+----------+
|    1111 | IS320    |
|    2222 | IS460    |
+---------+----------+
2 rows in set (0.001 sec)
```

5)

```
MariaDB [348s24_r781k132]> SELECT o.OfferNo, o.CourseNo, f.FacFirstName, f.FacLastName FROM Offering o JOIN Faculty f ON o.FacNo = f.FacNo WHERE o.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)
```

6)

```
MariaDB [348s24_r781k132]> 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 [348s24_r781k132]> SELECT StdFirstName FROM Student WHERE StdCity = 'BOTHELL' UNION SEL
ECT FacFirstName FROM Faculty WHERE FacCity = 'BELLEVUE';
+--------------+
| StdFirstName |
+--------------+
| BOB          |
| WILLIAM      |
| NICKI        |
+--------------+
3 rows in set (0.001 sec)
```

8)

```
MariaDB [348s24_r781k132]> INSERT INTO Student (StdNo, StdFirstName, StdLastName, StdCity, StdState, StdMajor, StdClass, StdGPA, StdZip) VALUES ('999-99-9999','JOHN','DOE','LAWRENCE','KS','FIN','FR',4.00
,'66045');
Query OK, 1 row affected (0.001 sec)

MariaDB [348s24_r781k132]> SELECT * FROM Student
    -> ;
+------------+--------------+-------------+----------+----------+------------+----------+----------+---------+
| StdNo      | StdFirstName | StdLastName | StdCity  | StdState | StdZip     | StdMajor | StdClass | StdGPA  |
+------------+--------------+-------------+----------+----------+------------+----------+----------+---------+
| 123-45-6789 | HOMER       | WELLS       | SEATTLE  | WA       | 98121-1111 | ACC      | 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 [348s24_r781k132]> UPDATE Student SET StdMajor = 'ACC' WHERE StdFirstName = 'Homer' and StdLastName = 'Wells';
Query OK, 0 rows affected (0.001 sec)
Rows matched: 1  Changed: 0  Warnings: 0

MariaDB [348s24_r781k132]> Select * From Student
    -> ;
+-------------+--------------+-------------+----------+----------+------------+----------+----------+---------+
| StdNo       | StdFirstName | StdLastName | StdCity  | StdState | StdZip     | StdMajor | StdClass | StdGPA  |
+-------------+--------------+-------------+----------+----------+------------+----------+----------+---------+
| 123-45-6789 | HOMER        | WELLS       | SEATTLE  | WA       | 98121-1111 | ACC      | 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)
```

10) **Note: I only included information that wasn't duplicate; For ex, I didn't print out the names twice, the cities twice, or the states twice as it was taking too much space and made the output almost unreadable.

```
MariaDB [348s24_r781k132]> SELECT s.StdNo, s.StdFirstName, s.StdLastName, s.StdCity, s.StdState, s.StdZip, s.StdMajor, s.StdClass, s.StdGPA, f.FacNo, f.FacDept, f.FacRank, f.FacSalary, f.FacSupervisor, f
.FacHireDate FROM Student s JOIN Faculty f ON s.StdNo = f.FacNo;
+-------------+--------------+-------------+---------+----------+------------+----------+----------+---------+-------------+---------+---------+----------+---------------+-------------+
| StdNo       | StdFirstName | StdLastName | StdCity | StdState | StdZip     | StdMajor | StdClass | StdGPA  | FacNo       | FacDept | FacRank | FacSalary | FacSupervisor | FacHireDate |
+-------------+--------------+-------------+---------+----------+------------+----------+----------+---------+-------------+---------+---------+----------+---------------+-------------+
| 876-54-3210 | CRISTOPHER   | COLAN       | SEATTLE | WA       | 98114-1332 | IS       | SR       | 4.00    | 876-54-3210 | MS      | ASST    | 40000.00 | 654-32-1098   | 2011-03-01  |
+-------------+--------------+-------------+---------+----------+------------+----------+----------+---------+-------------+---------+---------+----------+---------------+-------------+
1 row in set (0.001 sec)
```