Jana Frady | Lab 8

Query 1

```
Terminal                                              _  □  ×

File  Edit  View  Search  Terminal  Help
11 rows in set (0.001 sec)

MariaDB [348f24_j865f897]> 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 (0.004 sec)

MariaDB [348f24_j865f897]>
```

Query 2

```
Terminal                                              _  □  ×

File  Edit  View  Search  Terminal  Help
MariaDB [348f24_j865f897]> 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 [348f24_j865f897]>
```

Query 3

```
Terminal                                              _  □  ×

File  Edit  View  Search  Terminal  Help
MariaDB [348f24_j865f897]> 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)

MariaDB [348f24_j865f897]>
```

Query 4

```
Terminal                                                          _  □  ×
File  Edit  View  Search  Terminal  Help

MariaDB [348f24_j865f897]> select OfferNo, CourseNo from Offering where FacNo is NULL;
+---------+----------+
| OfferNo | CourseNo |
+---------+----------+
|    1111 | IS320    |
|    2222 | IS460    |
+---------+----------+
2 rows in set (0.001 sec)

MariaDB [348f24_j865f897]> █
```

Query 5

```
Terminal                                                          _  □  ×
File  Edit  View  Search  Terminal  Help
MariaDB [348f24_j865f897]> 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 F.FacNo like O.FacNo;
+---------+----------+--------------+-------------+
| OfferNo | CourseNo | FacFirstName | FacLastName |
+---------+----------+--------------+-------------+
|    3333 | IS320    | LEONARD      | VINCE       |
|    5679 | IS480    | CRISTOPHER   | COLAN       |
+---------+----------+--------------+-------------+
2 rows in set (0.001 sec)
MariaDB [348f24_j865f897]> █
```

Query 6

```
Terminal                                                          _  □  ×
File  Edit  View  Search  Terminal  Help

MariaDB [348f24_j865f897]> 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 [348f24_j865f897]> █
```

Query 7

```
Terminal                                                                  _  □  ✕

File  Edit  View  Search  Terminal  Help

MariaDB [348f24_j865f897]> 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)

MariaDB [348f24_j865f897]> ▮
```

Query 8

```
Terminal                                                                  _  □  ✕

File  Edit  View  Search  Terminal  Help

MariaDB [348f24_j865f897]> insert into Student values ("999-99-999","JOHN","DOE","LAWRENCE","KS","66045","FIN","FR","4.00");
Query OK, 1 row affected (0.021 sec)

MariaDB [348f24_j865f897]> 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   |
| 999-99-999   | JOHN         | DOE         | LAWRENCE | KS       | 66045      | FIN      | FR       | 4.00   |
+--------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
12 rows in set (0.001 sec)

MariaDB [348f24_j865f897]> ▮
```

Query 9

```
MariaDB [348f24_j865f897]> update Student set StdMajor="ACCT" where StdFirstName="HOMER";
Query OK, 1 row affected (0.002 sec)
Rows matched: 1  Changed: 1  Warnings: 0

MariaDB [348f24_j865f897]> 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   |
| 999-99-999  | JOHN        | DOE         | LAWRENCE | KS       | 66045      | FIN      | FR       | 4.00   |
+------------+--------------+-------------+----------+----------+------------+----------+----------+--------+
12 rows in set (0.002 sec)

MariaDB [348f24_j865f897]>
```

Query 10

```
MariaDB [348f24_j865f897]> select S.* from Faculty F, Student S where F.FacNo like S.StdNo;
+------------+--------------+-------------+---------+----------+------------+----------+----------+--------+
| 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)

MariaDB [348f24_j865f897]>
```