```
--Lynch, Connor
--ISTE230, Fall 2024

mysql> SELECT CURDATE();
--------------
SELECT CURDATE()
--------------

+------------+
| CURDATE()  |
+------------+
| 2024-08-28 |
+------------+
1 row in set (0.00 sec)

mysql> SHOW VARIABLES LIKE "%VERSION%";
--------------
SHOW VARIABLES LIKE "%VERSION%"
--------------

+----------------------------+------------------------------+
| Variable_name              | Value                        |
+----------------------------+------------------------------+
| admin_tls_version          | TLSv1.2,TLSv1.3              |
| explain_json_format_version | 1                           |
| immediate_server_version   | 999999                       |
| innodb_version             | 8.4.2                        |
| original_server_version    | 999999                       |
| protocol_version           | 10                           |
| replica_type_conversions   |                              |
| slave_type_conversions     |                              |
| tls_version                | TLSv1.2,TLSv1.3              |
| version                    | 8.4.2                        |
| version_comment            | MySQL Community Server - GPL |
| version_compile_machine    | x86_64                       |
| version_compile_os         | Win64                        |
| version_compile_zlib       | 1.2.13                       |
+----------------------------+------------------------------+
14 rows in set (0.01 sec)

mysql> SELECT date("2024-08-26") AS "Start of This Semester";
--------------
SELECT date("2024-08-26") AS "Start of This Semester"
--------------

+------------------------+
| Start of This Semester |
+------------------------+
| 2024-08-26             |
+------------------------+
1 row in set (0.00 sec)

mysql> SELECT date_add(CURDATE(), INTERVAL 14 WEEK) AS "End of This Semester";
--------------
SELECT date_add(CURDATE(), INTERVAL 14 WEEK) AS "End of This Semester"
--------------
```

```
+----------------------+
| End of This Semester |
+----------------------+
| 2024-12-04           |
+----------------------+
1 row in set (0.00 sec)

mysql> SHOW VARIABLES like "datadir";
--------------
SHOW VARIABLES like "datadir"
--------------

+---------------+-------------------------------------------+
| Variable_name | Value                                     |
+---------------+-------------------------------------------+
| datadir       | C:\ProgramData\MySQL\MySQL Server 8.4\Data\ |
+---------------+-------------------------------------------+
1 row in set (0.00 sec)

mysql> SHOW DATABASES;
--------------
SHOW DATABASES
--------------

+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| studentdb          |
| sys                |
+--------------------+
5 rows in set (0.01 sec)

mysql> USE studentdb;
Database changed
mysql> SHOW TABLES;
--------------
SHOW TABLES
--------------

+--------------------+
| Tables_in_studentdb |
+--------------------+
| student            |
+--------------------+
1 row in set (0.00 sec)

mysql> SELECT * FROM student;
--------------
SELECT * FROM student
--------------

+-----------+----------+-----------+-------+--------------+------+
| studentID | lastName | firstName | class | departmentID | gpa  |
+-----------+----------+-----------+-------+--------------+------+
```

```
| 00001     | Habermas  | Karen     | JR    | 4002         | 3.75 |
| 12345     | Bettinger | Matthew   | JR    | 4002         | 3.33 |
| 12355     | Collins   | Andrew    | FR    | 4002         | 3.80 |
| 12365     | Kang      | Jay       | GR    | 4003         | 3.99 |
| 12375     | Habermas  | Jim       | GR    | 4003         | 3.66 |
| 22222     | Holdan    | Edward    | SR    | 4002         | 3.50 |
| 33343     | Zilora    | Stephen   | GR    | 4002         | 4.00 |
+-----------+-----------+-----------+-------+--------------+------+
7 rows in set (0.00 sec)

mysql> INSERT INTO student VALUES ("00002", "Lynch", "Connor", "GR", "4002", 4.00);
--------------
INSERT INTO student VALUES ("00002", "Lynch", "Connor", "GR", "4002", 4.00)
--------------

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO student VALUES ("00003", "Allen", "Bob", "FR", "4002", 3.88);
--------------
INSERT INTO student VALUES ("00003", "Allen", "Bob", "FR", "4002", 3.88)
--------------

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO student VALUES ("00004", "Jackson", "Mike", "JR", "4003", 3.70);
--------------
INSERT INTO student VALUES ("00004", "Jackson", "Mike", "JR", "4003", 3.70)
--------------

Query OK, 1 row affected (0.00 sec)

mysql> SELECT * FROM student;
--------------
SELECT * FROM student
--------------

+-----------+-----------+-----------+-------+--------------+------+
| studentID | lastName  | firstName | class | departmentID | gpa  |
+-----------+-----------+-----------+-------+--------------+------+
| 00001     | Habermas  | Karen     | JR    | 4002         | 3.75 |
| 00002     | Lynch     | Connor    | GR    | 4002         | 4.00 |
| 00003     | Allen     | Bob       | FR    | 4002         | 3.88 |
| 00004     | Jackson   | Mike      | JR    | 4003         | 3.70 |
| 12345     | Bettinger | Matthew   | JR    | 4002         | 3.33 |
| 12355     | Collins   | Andrew    | FR    | 4002         | 3.80 |
| 12365     | Kang      | Jay       | GR    | 4003         | 3.99 |
| 12375     | Habermas  | Jim       | GR    | 4003         | 3.66 |
| 22222     | Holdan    | Edward    | SR    | 4002         | 3.50 |
| 33343     | Zilora    | Stephen   | GR    | 4002         | 4.00 |
+-----------+-----------+-----------+-------+--------------+------+
10 rows in set (0.00 sec)

mysql> SELECT * FROM student\G
--------------
SELECT * FROM student
--------------
```

```
************************* 1. row *************************
 studentID: 00001
  lastName: Habermas
 firstName: Karen
     class: JR
departmentID: 4002
       gpa: 3.75
************************* 2. row *************************
 studentID: 00002
  lastName: Lynch
 firstName: Connor
     class: GR
departmentID: 4002
       gpa: 4.00
************************* 3. row *************************
 studentID: 00003
  lastName: Allen
 firstName: Bob
     class: FR
departmentID: 4002
       gpa: 3.88
************************* 4. row *************************
 studentID: 00004
  lastName: Jackson
 firstName: Mike
     class: JR
departmentID: 4003
       gpa: 3.70
************************* 5. row *************************
 studentID: 12345
  lastName: Bettinger
 firstName: Matthew
     class: JR
departmentID: 4002
       gpa: 3.33
************************* 6. row *************************
 studentID: 12355
  lastName: Collins
 firstName: Andrew
     class: FR
departmentID: 4002
       gpa: 3.80
************************* 7. row *************************
 studentID: 12365
  lastName: Kang
 firstName: Jay
     class: GR
departmentID: 4003
       gpa: 3.99
************************* 8. row *************************
 studentID: 12375
  lastName: Habermas
 firstName: Jim
     class: GR
departmentID: 4003
       gpa: 3.66
************************* 9. row *************************
```

```
    studentID: 22222
     lastName: Holdan
    firstName: Edward
        class: SR
 departmentID: 4002
          gpa: 3.50
*************************** 10. row ***************************
    studentID: 33343
     lastName: Zilora
    firstName: Stephen
        class: GR
 departmentID: 4002
          gpa: 4.00
10 rows in set (0.00 sec)

mysql> notee
```