

```
mysql> -- Khorramrouz, Adel
mysql> -- ISTE230.01 Spring 2023 Term 2225
mysql> SELECT CURDATE();
```

```
-----
SELECT CURDATE()
-----
```

```
+-----+
| CURDATE() |
+-----+
| 2023-01-20 |
+-----+
1 row in set (0.00 sec)
```

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

```
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SHOW VARIABLES LIKE "%VERSION%"
-----
```

Variable_name	Value
admin_tls_version	TLSv1.2,TLSv1.3
immediate_server_version	999999
innodb_version	8.0.32
original_server_version	999999
protocol_version	10
replica_type_conversions	
slave_type_conversions	
tls_version	TLSv1.2,TLSv1.3
version	8.0.32
version_comment	MySQL Community Server - GPL
version_compile_machine	x86_64
version_compile_os	Win64
version_compile_zlib	1.2.13

```
+-----+
13 rows in set (0.01 sec)
```

```
mysql> SHOW VARIABLES LIKE "VERSION";
```

```
-----
SHOW VARIABLES LIKE "VERSION"
-----
```

Variable_name	Value
version	8.0.32

```
+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT date("2023-01-17") AS "Start of This Semester";
```

```
-----  
SELECT date("2023-01-17") AS "Start of This Semester"
```

```
-----+  
| Start of This Semester |  
-----+  
| 2023-01-17            |  
-----+  
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 |  
-----+  
| 2023-04-28           |  
-----+  
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 8.0\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 (0.00 sec)

```
mysql> USE studentdb;
```

Database changed

```
mysql> SHOW TABLES;
```

-----

SHOW TABLES

-----

+-----+  
| Tables\_in\_studentdb |

+-----+  
| student |

+-----+

1 row in set (0.01 sec)

-----

```
mysql> SELECT * FROM student;
```

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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)

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```
mysql> INSERT INTO student VALUES ("00002","Khorramrouz","Adel","SR","4002",4.00);
```

-----

```
INSERT INTO student VALUES ("00002","Khorramrouz","Adel","SR","4002",4.00)
```

-----

Query OK, 1 row affected (0.00 sec)

```
mysql> INSERT INTO student VALUES ("00003","Shafee","Zari","SR","4002",3.87);
```

-----

```
INSERT INTO student VALUES ("00003","Shafee","Zari","SR","4002",3.87)
```

-----

Query OK, 1 row affected (0.00 sec)

```
mysql> INSERT INTO student VALUES ("00004","Sarmast","Mastaneh","SR","4002",2.57);
```

-----

```
INSERT INTO student VALUES ("00004","Sarmast","Mastaneh","SR","4002",2.57)
```

```
-----
```

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	Khorramrouz	Adel	SR	4002	4.00
00003	Shafee	Zari	SR	4002	3.87
00004	Sarmast	Mastaneh	SR	4002	2.57
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> notee
```