

Zachariah King
Assignment 6.2

<https://github.com/zachxxking/csd-310.git>

```
Query OK, 1 row affected (0.01 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 1 row affected (0.00 sec)

mysql> █
```

```
[mysql> USE movies;
Database changed
[mysql> SHOW tables;
+-----+
| Tables_in_movies |
+-----+
| film              |
| genre             |
| studio            |
+-----+
3 rows in set (0.01 sec)

mysql> █
```

Thonny - /Users/ZachStormKing/csd/csd-310/module-6/mysql_test.py @ 13 : 26

```
mysql_test.py
23 db = mysql.connector.connect(**config) # connect to the movies database
24
25 # output the connection status
26 print("\n Database user {} connected to MySQL on host {} with database {}".format(config["user"], config["host"], config["database"]))
27
28 input("\n\n Press any key to continue...")
29
30 except mysql.connector.Error as err:
31     """ on error code """
32
33     if err.errno == errorcode.ER_ACCESS_DENIED_ERROR:
34         print(" The supplied username or password are invalid")
35
36     elif err.errno == errorcode.ER_BAD_DB_ERROR:
37         print(" The specified database does not exist")
38
39     else:
40         print(err)
41
42 finally:
43     """ close the connection to MySQL """
44
45     db.close()
46
```

Shell

```
>>> %Run mysql_test.py
Authentication plugin 'caching_sha2_password' is not supported
Traceback (most recent call last):
  File "/Users/ZachStormKing/csd/csd-310/module-6/mysql_test.py", line 45, in <module>
    db.close()
NameError: name 'db' is not defined
>>>
```

```
mysql_test.py
26 print("\n Database user {} connected to MySQL on host {} with database {}".format(config["user"], config["host"], config["database"]))
27
28 input("\n\n Press any key to continue...")
29
30 except mysql.connector.Error as err:
31     """ on error code """
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33     if err.errno == errorcode.ER_ACCESS_DENIED_ERROR:
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36     elif err.errno == errorcode.ER_BAD_DB_ERROR:
37         print(" The specified database does not exist")
38
39     else:
40         print(err)
41
42 finally:
43     """ close the connection to MySQL """
44
45     db.close()
```

Shell

```
>>> %Run mysql_test.py
Database user movies_user connected to MySQL on host localhost with database movies
Press any key to continue...|
```

