

## Content:

- A. How to solve MySQLdb.OperationalError
- B. If you want to remove the password requirement from your MySQL root user

### A. How to solve MySQLdb.OperationalError

```
vagrant@ubuntu-focal:~/alx-higher_level_programming/0x0F-python-object_relational_mapping$ ./0-select_states.py root root hbtn_0e_0_us
a
Traceback (most recent call last):
  File "/home/vagrant/alx-higher_level_programming/0x0F-python-object_relational_mapping/./0-select_states.py", line 7, in <module>
    db = MySQLdb.connect(user=sys.argv[1], passwd=sys.argv[2], db=sys.argv[3])
  File "/usr/local/lib/python3.10/dist-packages/MySQLdb/__init__.py", line 123, in Connect
    return Connection(*args, **kwargs)
  File "/usr/local/lib/python3.10/dist-packages/MySQLdb/connections.py", line 185, in __init__
    super().__init__(*args, **kwargs2)
MySQLdb.OperationalError: (1045, "Access denied for user 'root'@'localhost' (using password: YES)")
```

1. In the task ALx, arguments for the user, password and database in that order were provided to be run in the terminal and are to reference these arguments in our code.

```
./0-select_states.py root root hbtn_0e_0_usa
```

2. On your Mysql, your password will most likely not be “root”(which is sys.argv[2]). Running it on your terminal, replace the root with your password. Examples:

- a. If my MySQL password is “ALxprojects”, replace the code above with

```
./0-select_states.py root "ALxprojects" hbtn_0e_0_usa
```

- b. If my MSQL password contains special characters like “\$”, example: “pas\$word”, escape the character with a ‘\’:

```
./0-select_states.py root "pas\ $word" hbtn_0e_0_usa
```

- c. If my MySQL password if an empty string, replace with:

```
./0-select_states.py root "" hbtn_0e_0_usa
```

### B. If you want to remove the password requirement from your MySQL root user

1. Enter your mysql normally with your password then type in the following commands

```
UPDATE mysql.user SET authentication_string=null WHERE User='root';
```

```
flush privileges;
```

Now your password is set to an empty string.

You can run your code with "" in place of the "root" provided by ALx as in 2C above