```
###############################################################
#                        WARNING!!!!                          #
# This is a sandbox environment. Using personal credentials   #
# is HIGHLY! discouraged. Any consequences of doing so are    #
# completely the user's responsibilites.                      #
#                                                             #
# The PWD team.                                               #
###############################################################
[node1] (local) root@192.168.0.13 ~
$ docker run -d -p 3306:3306 --name meu-mysql \
  -e MYSQL_ROOT_PASSWORD=MinhaSenha \
  -e MYSQL_DATABASE=meubanco \
  -e MYSQL_USER=usuario \
  -e MYSQL_PASSWORD=senhausuario \
  mysql:latest
Unable to find image 'mysql:latest' locally
latest: Pulling from library/mysql
3d2798b2072a: Pull complete
f4b2a1d21561: Pull complete
515701765b17: Pull complete
c55f07fe1b6e: Pull complete
610c16d564ee: Pull complete
9db7a8f5c310: Pull complete
e6048afa6840: Pull complete
56483034e3f1: Pull complete
4d45e5094a07: Pull complete
3b536f25676c: Pull complete
Digest: sha256:f1049ce35b3986b84c08184de43a0b2109ae037a4a10a23ecf373a893daeadf7
Status: Downloaded newer image for mysql:latest
e00c6ad9f190c58eec4ec5c2d9ea5fa6905ac17452c0f6b0fa4cc2f5af8e7e6b
[node1] (local) root@192.168.0.13 ~
$ python3 -m venv venv
[node1] (local) root@192.168.0.13 ~
$ source venv/bin/activate
(venv) [node1] (local) root@192.168.0.13 ~
$ pip install mysql-connector-python
```

```
(venv) [node1] (local) root@192.168.0.13 ~
$ pip install mysql-connector-python
Collecting mysql-connector-python
  Downloading mysql_connector_python-9.3.0-py2.py3-none-any.whl.metadata (7.3 kB)
Downloading mysql_connector_python-9.3.0-py2.py3-none-any.whl (399 kB)
Installing collected packages: mysql-connector-python
Successfully installed mysql-connector-python-9.3.0

[notice] A new release of pip is available: 24.2 -> 25.1.1
[notice] To update, run: pip install --upgrade pip
(venv) [node1] (local) root@192.168.0.13 ~
$ vi mypython
(venv) [node1] (local) root@192.168.0.13 ~
$ ls
mypython  venv
(venv) [node1] (local) root@192.168.0.13 ~
$ rm mypython
(venv) [node1] (local) root@192.168.0.13 ~
$ vi mypython.py
(venv) [node1] (local) root@192.168.0.13 ~
$ vi mypython.py
(venv) [node1] (local) root@192.168.0.13 ~
$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED         STATUS         PORTS                               NAMES
e00c6ad9f190   mysql:latest   "docker-entrypoint.s…"   5 minutes ago   Up 5 minutes   0.0.0.0:3306->3306/tcp, 33060/tcp   meu-mysql
(venv) [node1] (local) root@192.168.0.13 ~
$ ls
mypython.py  venv
(venv) [node1] (local) root@192.168.0.13 ~
$ python mypython.py
(1, 'Maria')
```

```
CONTAINER ID    IMAGE          COMMAND             CREATED         STATUS          PORTS
e00c6ad9f190    mysql:latest   "docker-entrypoint.s…"   5 minutes ago   Up 5 minutes    0.0.0.0:330
(venv) [node1] (local) root@192.168.0.13 ~
$ ls
mypython.py  venv
(venv) [node1] (local) root@192.168.0.13 ~
$ python mypython.py
(1, 'Maria')
(2, 'João')
(venv) [node1] (local) root@192.168.0.13 ~
$ python mypython.py
(1, 'Maria')
(2, 'João')
(3, 'Maria')
(4, 'João')
(venv) [node1] (local) root@192.168.0.13 ~
$ python mypython.py
(1, 'Maria')
(2, 'João')
(3, 'Maria')
(4, 'João')
(5, 'Maria')
(6, 'João')
(venv) [node1] (local) root@192.168.0.13 ~
$ python mypython.py
(1, 'Maria')
(2, 'João')
(3, 'Maria')
(4, 'João')
(5, 'Maria')
(6, 'João')
(7, 'Maria')
```