

ATIVIDADE REALIZADA POR LARA YSLEN GOMES BARBOSA

### INSTALAÇÃO DO PYTHON:

```
[node2] (local) root@192.168.0.12 ~
$ python3 -m venv ~/venv_mysql
source ~/venv_mysql/bin/activate
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_mysql) [node2] (local) root@192.168.0.12 ~
$
```

### CRIAÇÃO DO ARQUIVO O QUAL CONTÉM O SCRIPT:

```
(venv) [node2] (local) root@192.168.0.12 ~
$ vi bdscrip.py
(venv) [node2] (local) root@192.168.0.12 ~
$ python3 bdscrip.py
(1, 'Maria')
(2, 'João')
(venv) [node2] (local) root@192.168.0.12 ~
$ vi bdscrip.py
(venv) [node2] (local) root@192.168.0.12 ~
$ python3 bdscrip.py
(1, 'Maria')
(2, 'João')
(3, 'leo')
(4, 'odilio')
(venv) [node2] (local) root@192.168.0.12 ~
$ vi bdscrip.py
(venv) [node2] (local) root@192.168.0.12 ~
$
```

## SCRIPT EM PYTHON:

```
1 import mysql.connector
2
3 def main():
4     conexao = mysql.connector.connect(
5         host='192.168.0.12',
6         port=3306,
7         user='usuario',
8         password='senhausuario',
9         database='meubanco'
10    )
11    cursor = conexao.cursor()
12    cursor.execute("""
13        CREATE TABLE IF NOT EXISTS pessoas (
14            id INT AUTO_INCREMENT PRIMARY KEY,
15            nome VARCHAR(100)
16        )
17    """)
18    cursor.execute("INSERT INTO pessoas (nome) VALUES ('leo')")
19    cursor.execute("INSERT INTO pessoas (nome) VALUES ('odilio')")
20    INSERT --
21
22    cursor = conexao.cursor()
23    cursor.execute("""
24        CREATE TABLE IF NOT EXISTS pessoas (
25            id INT AUTO_INCREMENT PRIMARY KEY,
26            nome VARCHAR(100)
27        )
28    """)
29    cursor.execute("INSERT INTO pessoas (nome) VALUES ('leo')")
30    cursor.execute("INSERT INTO pessoas (nome) VALUES ('odilio')")
31    conexao.commit()
32    cursor.execute("SELECT * FROM pessoas")
33    for row in cursor.fetchall():
34        print(row)
35    cursor.close()
36    conexao.close()
37
38 if __name__ == "__main__":
39     main()
40
```