

DAVI CASTRO DO VALE AVALIACAO 07 21/07/25

NAO PUDE EXPORTAR AS PRINTS POIS A INTERNET CAIU NO MEIO DO PROCESSO,
SEGUEM AS FOTOS

```
[ ] pip install mysql-connector-python
→ Requirement already satisfied: mysql-connector-python in /usr/local/lib/python3.11/dist-packages (9.3.0)

[ ] service mysql start
→ * Starting MySQL database server mysqld
su: warning: cannot change directory to /nonexistent: No such file or directory
...done.

[ ] !mysql -e "ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'root'; FLUSH PRIVILEGES;"

[ ] !mysql -u root -proot -e "SHOW DATABASES;"
→ mysql: [Warning] Using a password on the command line interface can be insecure.
+-----+
| Database      |
+-----+
| information_schema |
| mysql          |
| performance_schema |
| sys            |
+-----+


[ ] sql_script = """
CREATE DATABASE IF NOT EXISTS empresa;
USE empresa;

CREATE TABLE IF NOT EXISTS funcionarios (
    id INT AUTO_INCREMENT PRIMARY KEY,
    nome VARCHAR(100),
    salario DECIMAL(10,2)
);

DELIMITER //
CREATE FUNCTION calcular_bonus (sal DECIMAL(10,2))
RETURNS DECIMAL(10,2)
DETERMINISTIC
BEGIN
    RETURN sal * 0.10;
END//
DELIMITER ;

DELIMITER //
CREATE PROCEDURE adicionar_funcionario (
    IN p_nome VARCHAR(100),
    IN p_salario DECIMAL(10,2)
)
BEGIN
    INSERT INTO funcionarios (nome, salario) VALUES (p_nome, p_salario);
END//
DELIMITER ;
"""

with open("setup.sql", "w") as f:
    f.write(sql_script)

[ ] !mysql -u root -proot < setup.sql
→ mysql: [Warning] Using a password on the command line interface can be insecure.

[ ] import mysql.connector
```

```
mysql: [Warning] Using a password on the command line interface can be insecure.
```

```
import mysql.connector

conn = mysql.connector.connect(
    host="localhost",
    user="root",
    password="root",
    database="empresa"
)
cursor = conn.cursor()

[ ] cursor.callproc('adicionar_funcionario', ['Ana Souza', 3500.00])
conn.commit()

[ ] cursor.execute("""
    SELECT nome, salario, calcular_bonus(salario) AS bonus
    FROM funcionarios
""")
for row in cursor.fetchall():
    print(row)

('Ana Souza', Decimal('3500.00'), Decimal('350.00'))

[ ] cursor.close()
conn.close()
```