

ATIVIDADE 07

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```
!pip install mysql-connector-python
!apt-get install -y default-mysql-client

import mysql.connector

conn = mysql.connector.connect(
    host="sql10.freemysqldatabase.com",
    user="sql10791161",
    password="tal3VbZTve",
    database="sql10791161"
)
cursor = conn.cursor()

cursor.execute("""
CREATE TABLE IF NOT EXISTS funcionarios (
    id INT AUTO_INCREMENT PRIMARY KEY,
    nome VARCHAR(100),
    salario DECIMAL(10,2)
)
""")
conn.commit()

cursor.execute("DROP FUNCTION IF EXISTS calcular_bonus")
cursor.execute("""
CREATE FUNCTION calcular_bonus (sal DECIMAL(10,2))
RETURNS DECIMAL(10,2)
DETERMINISTIC
RETURN sal * 0.10
""")
conn.commit()

cursor.execute("DROP PROCEDURE IF EXISTS adicionar_funcionario")
cursor.execute("""
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
""")
conn.commit()
```

```
BEGIN
    INSERT INTO funcionarios (nome, salario) VALUES (p_nome, p_salario);
END
""")
conn.commit()

def adicionar_funcionario(nome, salario):
    cursor.callproc('adicionar_funcionario', [nome, salario])
    conn.commit()

adicionar_funcionario('Carlos Silva', 4000.00)
adicionar_funcionario('Maria Clara', 3000.00)

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

cursor.close()
conn.close()
```

Requirement already satisfied: mysql-connector-python in /usr/local/lib/python3.11/dist-packages (9.3.0)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
default-mysql-client is already the newest version (1.0.8).
0 upgraded, 0 newly installed, 0 to remove and 35 not upgraded.
(('Carlos Silva', Decimal('4000.00'), Decimal('400.00'))
(('Maria Clara', Decimal('3000.00'), Decimal('300.00'))