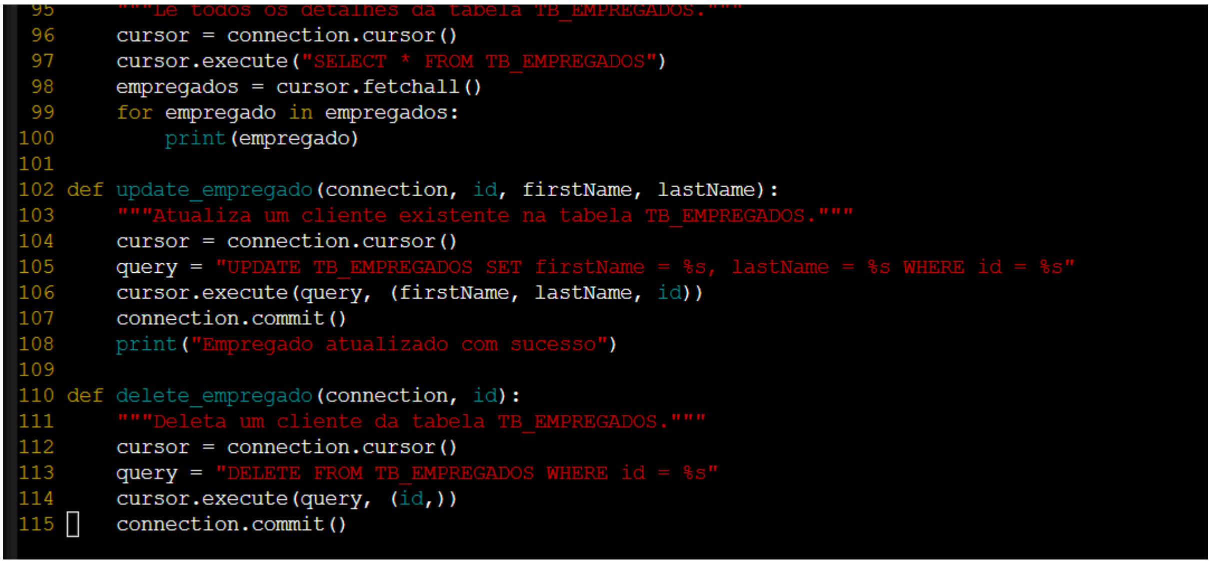
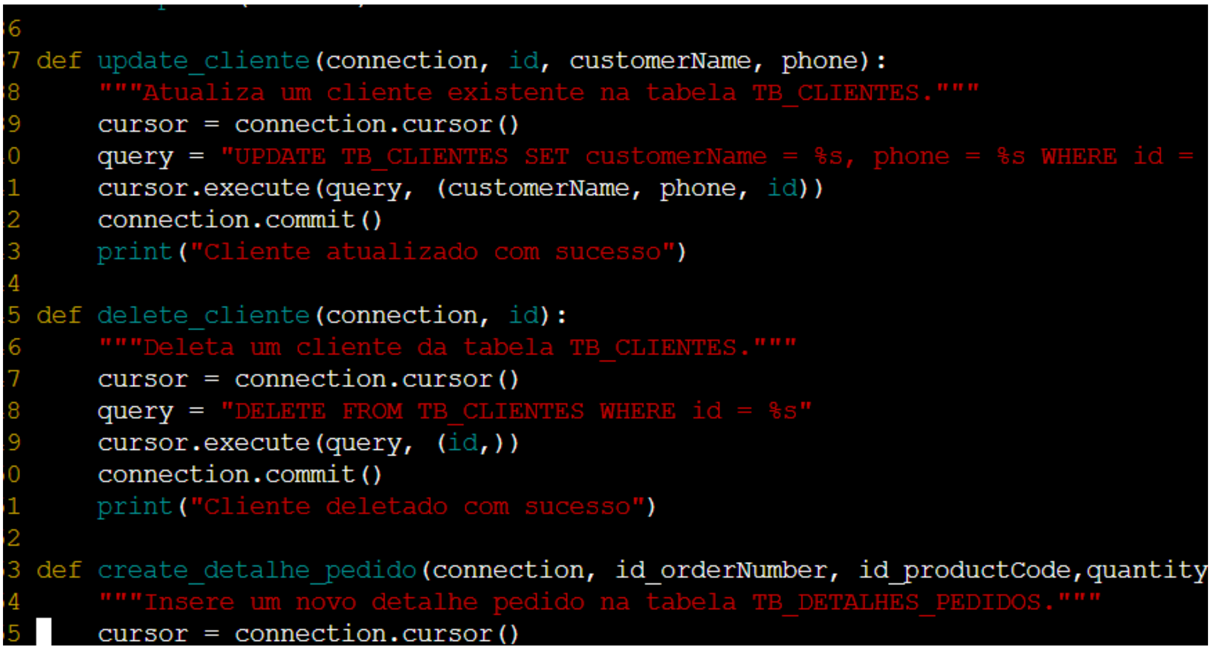
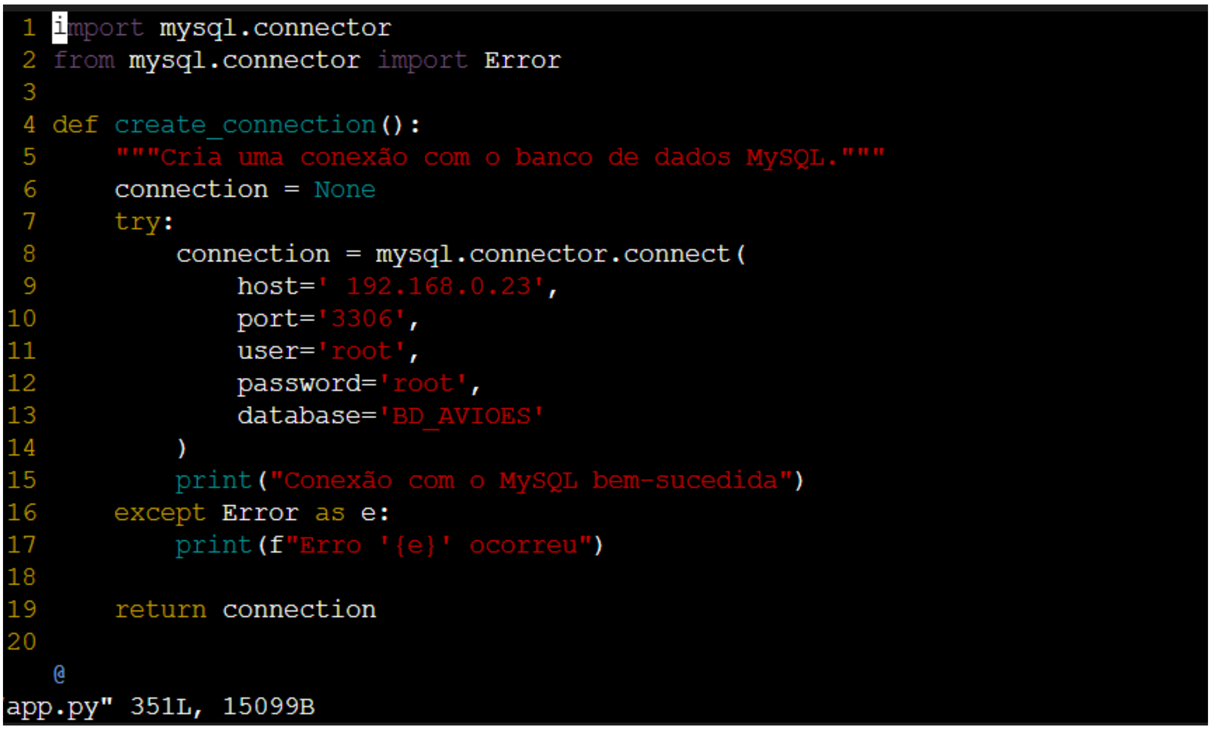
Alunos: João Pedro Silva Alves e Levi Faleh Albuquerque



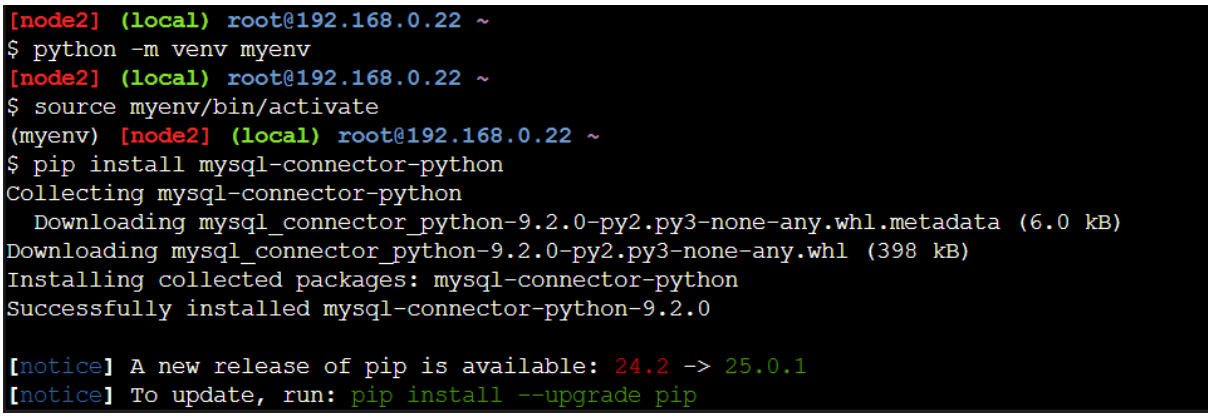
```
    """Lê todos os detalhes da tabela TB_EMPREGADOS."""
    cursor = connection.cursor()
    cursor.execute("SELECT * FROM TB_EMPREGADOS")
    empregados = cursor.fetchall()
    for empregado in empregados:
        print(empregado)

def update_empregado(connection, id, firstName, lastName):
    """Atualiza um cliente existente na tabela TB_EMPREGADOS."""
    cursor = connection.cursor()
    query = "UPDATE TB_EMPREGADOS SET firstName = %s, lastName = %s WHERE id = %s"
    cursor.execute(query, (firstName, lastName, id))
    connection.commit()
    print("Empregado atualizado com sucesso")

def delete_empregado(connection, id):
    """Deleta um cliente da tabela TB_EMPREGADOS."""
    cursor = connection.cursor()
    query = "DELETE FROM TB_EMPREGADOS WHERE id = %s"
    cursor.execute(query, (id,))
    connection.commit()
```



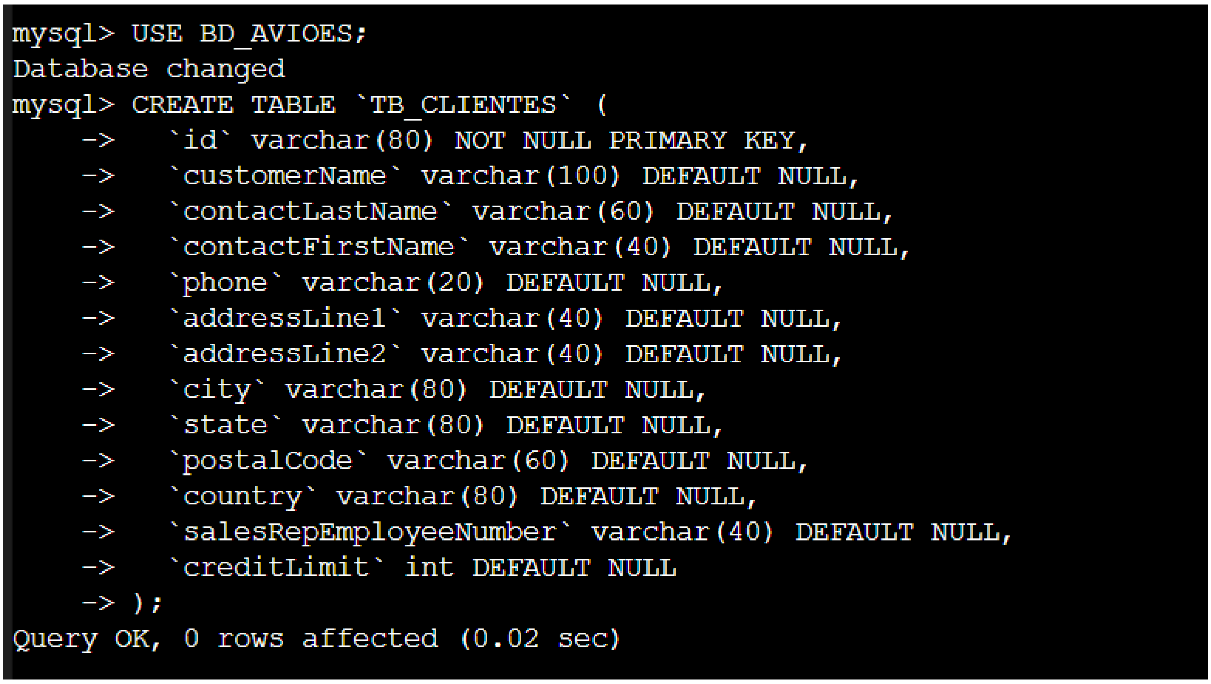
```

def update_cliente(connection, id, customerName, phone):
    """Atualiza um cliente existente na tabela TB_CLIENTES."""
    cursor = connection.cursor()
    query = "UPDATE TB_CLIENTES SET customerName = %s, phone = %s WHERE id =
    cursor.execute(query, (customerName, phone, id))
    connection.commit()
    print("Cliente atualizado com sucesso")

def delete_cliente(connection, id):
    """Deleta um cliente da tabela TB_CLIENTES."""
    cursor = connection.cursor()
    query = "DELETE FROM TB_CLIENTES WHERE id = %s"
    cursor.execute(query, (id,))
    connection.commit()
    print("Cliente deletado com sucesso")

def create_detalhe_pedido(connection, id_orderNumber, id_productCode,quantity
    """Insere um novo detalhe pedido na tabela TB_DETALHES_PEDIDOS."""
    cursor = connection.cursor()
```



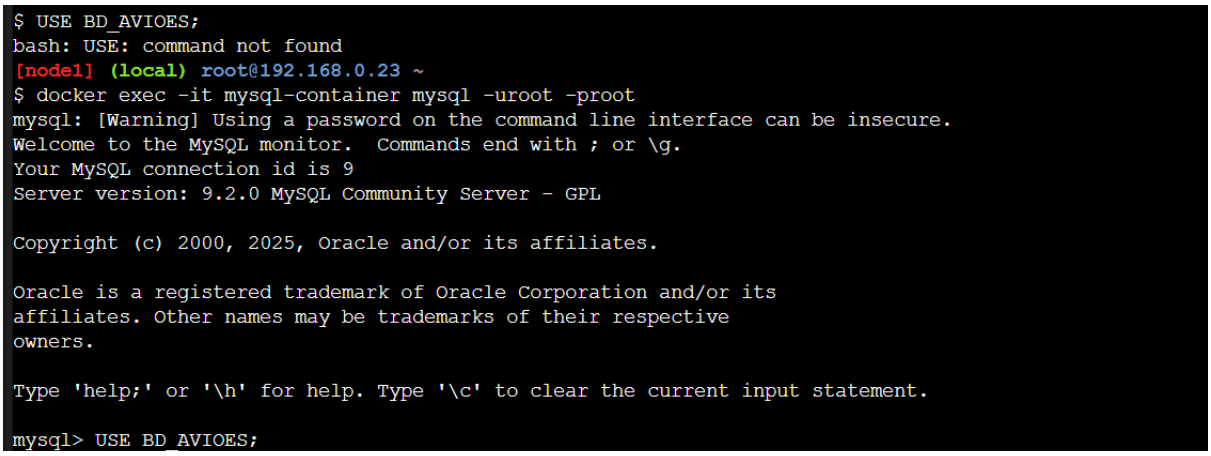
```
import mysql.connector
from mysql.connector import Error

def create_connection():
    """Cria uma conexão com o banco de dados MySQL."""
    connection = None
    try:
        connection = mysql.connector.connect(
            host=' 192.168.0.23',
            port='3306',
            user='root',
            password='root',
            database='BD_AVIOES'
        )
        print("Conexão com o MySQL bem-sucedida")
    except Error as e:
        print(f"Erro '{e}' ocorreu")

    return connection

   @
app.py" 351L, 15099B
```



```
[node2] (local) root@192.168.0.22 ~
$ python -m venv myenv
[node2] (local) root@192.168.0.22 ~
$ source myenv/bin/activate
(myenv) [node2] (local) root@192.168.0.22 ~
$ pip install mysql-connector-python
Collecting mysql-connector-python
  Downloading mysql_connector_python-9.2.0-py2.py3-none-any.whl.metadata (6.0 kB)
Downloading mysql_connector_python-9.2.0-py2.py3-none-any.whl (398 kB)
Installing collected packages: mysql-connector-python
Successfully installed mysql-connector-python-9.2.0

[notice] A new release of pip is available: 24.2 -> 25.0.1
[notice] To update, run: pip install --upgrade pip
```



```
mysql> USE BD_AVIOES;
Database changed
mysql> CREATE TABLE `TB_CLIENTES` (
    ->   `id` varchar(80) NOT NULL PRIMARY KEY,
    ->   `customerName` varchar(100) DEFAULT NULL,
    ->   `contactLastName` varchar(60) DEFAULT NULL,
    ->   `contactFirstName` varchar(40) DEFAULT NULL,
    ->   `phone` varchar(20) DEFAULT NULL,
    ->   `addressLine1` varchar(40) DEFAULT NULL,
    ->   `addressLine2` varchar(40) DEFAULT NULL,
    ->   `city` varchar(80) DEFAULT NULL,
    ->   `state` varchar(80) DEFAULT NULL,
    ->   `postalCode` varchar(60) DEFAULT NULL,
    ->   `country` varchar(80) DEFAULT NULL,
    ->   `salesRepEmployeeNumber` varchar(40) DEFAULT NULL,
    ->   `creditLimit` int DEFAULT NULL
    -> );
Query OK, 0 rows affected (0.02 sec)
```



```
$ USE BD_AVIOES;
bash: USE: command not found
[node1] (local) root@192.168.0.23 ~
$ docker exec -it mysql-container mysql -uroot -proot
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 9.2.0 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE BD_AVIOES;
```
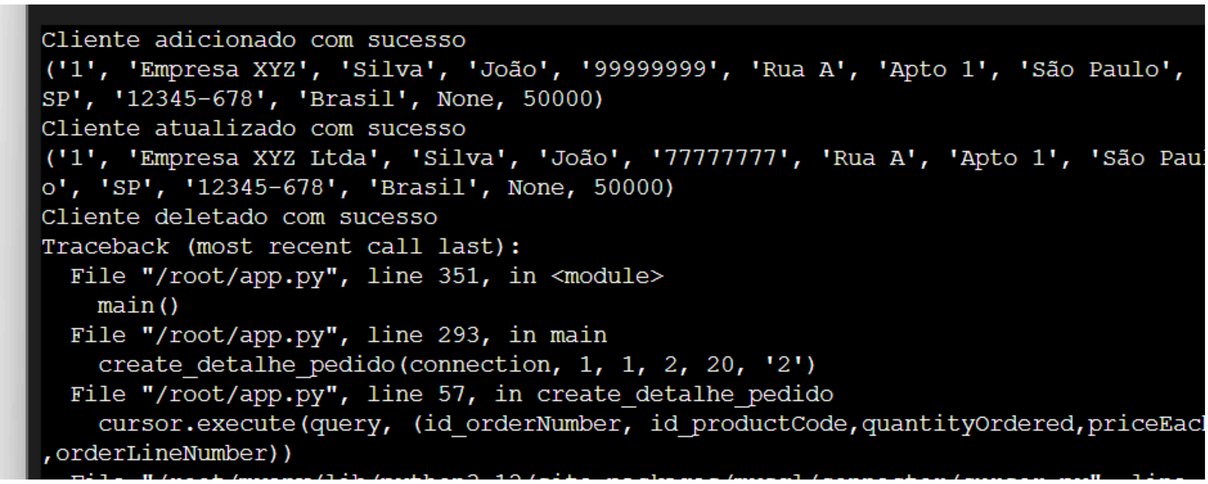
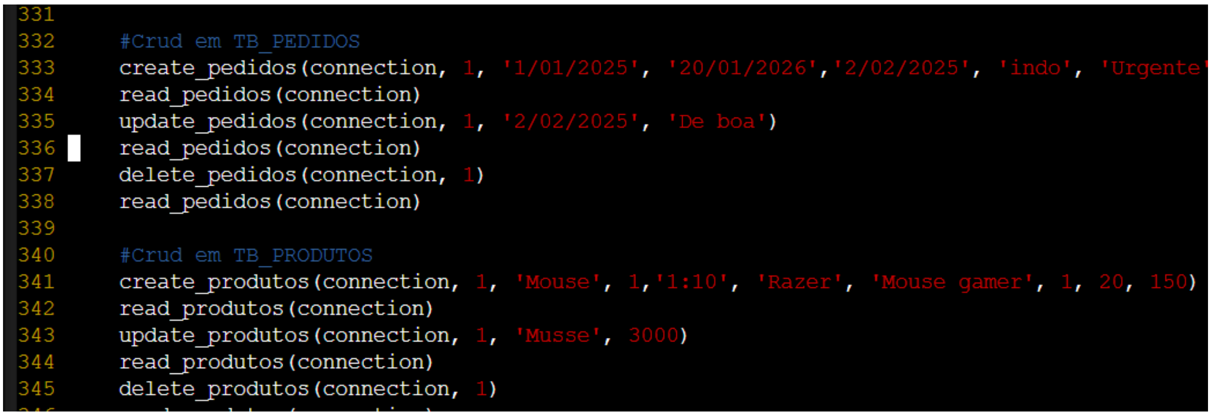



```
Cliente adicionado com sucesso
('1', 'Empresa XYZ', 'Silva', 'João', '99999999', 'Rua A', 'Apto 1', 'São Paulo',
SP', '12345-678', 'Brasil', None, 50000)
Cliente atualizado com sucesso
('1', 'Empresa XYZ Ltda', 'Silva', 'João', '77777777', 'Rua A', 'Apto 1', 'São Paul
o', 'SP', '12345-678', 'Brasil', None, 50000)
Cliente deletado com sucesso
Traceback (most recent call last):
  File "/root/app.py", line 351, in <module>
    main()
  File "/root/app.py", line 293, in main
    create_detalhe_pedido(connection, 1, 1, 2, 20, '2')
  File "/root/app.py", line 57, in create_detalhe_pedido
    cursor.execute(query, (id_orderNumber, id_productCode,quantityOrdered,priceEac
,orderLineNumber))
```



```

    #Crud em TB_PEDIDOS
    create_pedidos(connection, 1, '1/01/2025', '20/01/2026','2/02/2025', 'indo', 'Urgente'
    read_pedidos(connection)
    update_pedidos(connection, 1, '2/02/2025', 'De boa')
    read_pedidos(connection)
    delete_pedidos(connection, 1)
    read_pedidos(connection)

    #Crud em TB_PRODUTOS
    create_produtos(connection, 1, 'Mouse', 1,'1:10', 'Razer', 'Mouse gamer', 1, 20, 150)
    read_produtos(connection)
    update_produtos(connection, 1, 'Musse', 3000)
    read_produtos(connection)
    delete_produtos(connection, 1)
```