TASK 4 (OUTPUT SCREENSHOTS)

-- SQL query to find out which customers have not placed any orders.

```
+----------+
| customer |
+----------+
| Rokhitha |
| Rachel   |
| Matt     |
+----------+
3 rows in set (0.01 sec)
```

-- n SQL query to find the total number of products available for sale.

```
+---------------+
| availableProd |
+---------------+
|          1030 |
+---------------+
1 row in set (0.00 sec)
```

-- SQL query to calculate the total revenue generated by TechShop.

```
+------------------+
| sum(totalamount) |
+------------------+
|           237500 |
+------------------+
1 row in set (0.00 sec)
```

-- SQL query to calculate the average quantity ordered for products in a specific category. Allow users to input the category name as a parameter

```
+-------------+-------------+
| AvgQuantity | category    |
+-------------+-------------+
|      1.0000 | Electronics |
+-------------+-------------+
1 row in set (0.01 sec)
```

-- SQL query to calculate the total revenue generated by a specific customer. Allow users to input the customer ID as a parameter.

```
+-------------+-------------+
| customer    | totalrevC   |
+-------------+-------------+
|           8 |       27500 |
+-------------+-------------+
1 row in set (0.00 sec)
```

- SQL query to find the customers who have placed the most orders. List their names and the number of orders they've placed.

```
+-------------+-------------+
| customer    | orderP      |
+-------------+-------------+
| Phoebe      |           2 |
+-------------+-------------+
1 row in set (0.00 sec)
```

-- SQL query to find the most popular product category, which is the one with the highest total quantity ordered across all orders.

```
+-------------+-------------+
| Pcategory   | PQuantity   |
+-------------+-------------+
| Storage     |           5 |
+-------------+-------------+
1 row in set (0.00 sec)
```

-- SQL query to find the customer who has spent the most money (highest total revenue) on electronic gadgets. List their name and total spending.

```
+-----------+-----------+
| customer  | totalRev  |
+-----------+-----------+
| Mathew    |     66000 |
+-----------+-----------+
1 row in set (0.00 sec)
```

-- SQL query to calculate the average order value (total revenue divided by the number of orders) for all customers.

```
+----------------+
| avg_order_Val  |
+----------------+
|     23750.0000 |
+----------------+
1 row in set (0.00 sec)
```

-- SQL query to find the total number of orders placed by each customer and list their names along with the order count.

```
+-----------+-----------+
| customer  | Corders   |
+-----------+-----------+
| Ross      |         1 |
| Monica    |         1 |
| Chandler  |         1 |
| Phoebe    |         2 |
| Lisa      |         1 |
| Jennifer  |         2 |
| Mathew    |         1 |
| Joeshp    |         1 |
+-----------+-----------+
8 rows in set (0.00 sec)
```