Jesse Russell
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Lab 2

**Q1**. Inserts a new record in the "Customers" table, you can use yourself or any Pseudo people's information. Please leave the address field as NULL.

**Screenshots**:

## SQL Statement:

```
INSERT INTO Customers (CustomerName, Address) VALUES ('Jesse Russell', NULL)
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

## Result:

You have made changes to the database. Rows affected: 1

**Explanation**:

To insert myself into the database with the address as null, I used the command "INSERT INTO Customers (CustomerName, Address) VALUES ('Jesse Russell', NULL)"

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**Q2**. Lists all customers with a NULL value in the "Address" field.

**Screenshots**

SQL Statement:

```
SELECT * FROM [Customers]
WHERE Address IS null
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 1

| CustomerID | CustomerName | ContactName | Address | City | PostalCode |
|---|---|---|---|---|---|
| 92 | Jesse Russell | null | null | null | null |

**Explanation**:

To display all customers with NULL in the address field, I used the "SELECT * FROM Customers WHERE Address IS NULL" command.

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**Q3**. Update the new customer created in task 2.1 with a pseudo address.

**Screenshots**:

## SQL Statement:

```
UPDATE Customers SET Address = '123 Main St' WHERE CustomerName = 'Jesse Russell'
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

## Result:
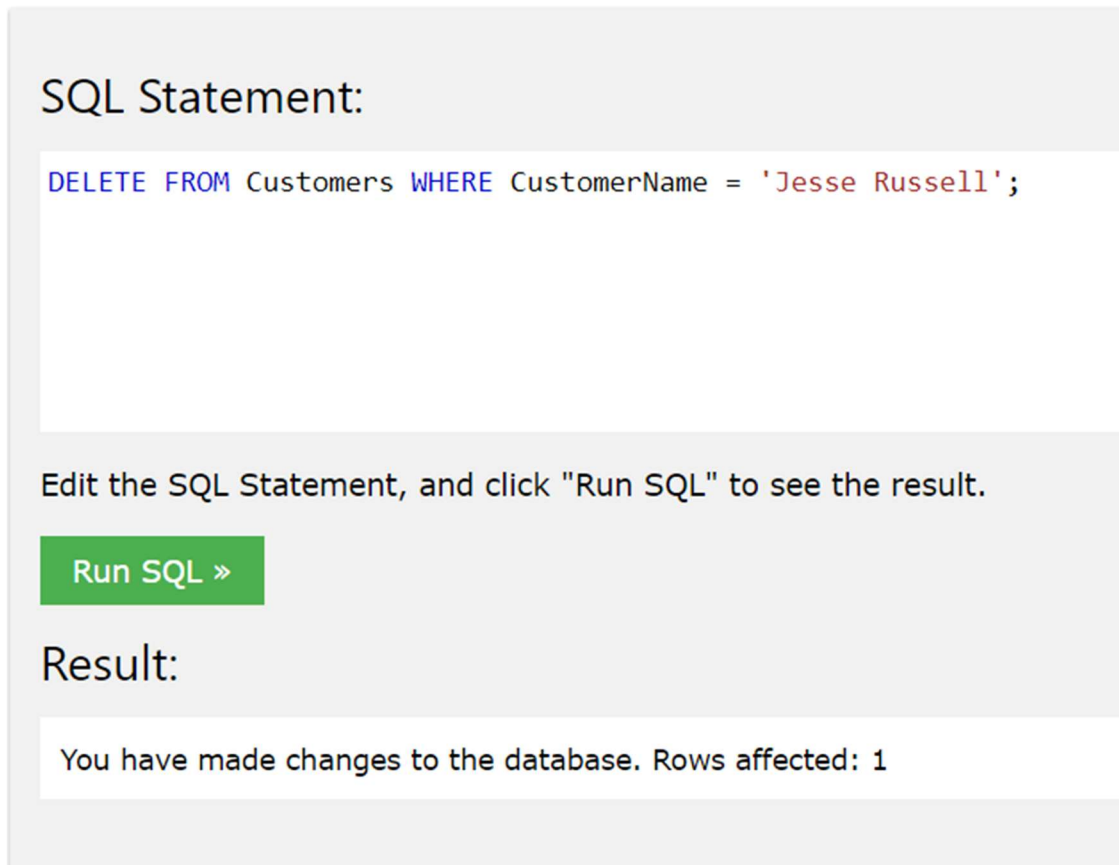
You have made changes to the database. Rows affected: 1

**Explanation**:

To update my address, I used the command "UPDATE Customers SET Address = '123 Main St' WHERE CustomerName = 'Jesse Russell'"

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**Q4**. Delete the new customer just created.

**Screenshots**:

## SQL Statement:

```
DELETE FROM Customers WHERE CustomerName = 'Jesse Russell';
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

## Result:

You have made changes to the database. Rows affected: 1

**Explanation**:

To delete my entry, I used the command "DELETE FROM Customers WHERE CustomerName = 'Jesse Russell';"

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**Q5**. Finds the price of the cheapest product.

**Screenshots**:

## SQL Statement:

```
SELECT MIN(Price) AS SmallestPrice
FROM Products;
```

Edit the SQL Statement, and click "Run SQL" to see the

Run SQL »

## Result:

Number of Records: 1

| SmallestPrice |
| --- |
| 2.5 |

**Explanation**:

To find the smallest priced product, I used the command "SELECT MIN(Price) AS SmallestPrice FROM Products;"

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**Q6**. Finds the average price of all products.

**Screenshots**:

SQL Statement:

```
SELECT AVG(Price)
FROM Products;
```

Edit the SQL Statement, and click "Run SC

Run SQL »

Result:

Number of Records: 1

| AVG(Price) |
| --- |
| 28.866363636363637 |

**Explanation**:

To find the average price of the product, I used the command "SELECT AVG(Price) FROM Products;"

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**Q7**. Selects all customers with a CustomerName that starts with "D" and are at least 3 characters in length.

**Screenshots**:

SQL Statement:

```
SELECT * FROM Customers
WHERE CustomerName LIKE 'd_%_%'
```

Edit the SQL Statement, and click "Run SQL" to see the result.

Run SQL »

Result:

Number of Records: 3

| CustomerID | CustomerName | ContactName | Address |
| --- | --- | --- | --- |
| 17 | Drachenblut Delikatessend | Sven Ottlieb | Walserweg 21 |
| 18 | Du monde entier | Janine Labrune | 67, rue des Cinquante Otages |
| 86 | Die Wandernde Kuh | Rita Müller | Adenauerallee 900 |

**Explanation**:

To show all customers with a CustomerName that starts with D and are at least 3 characters in length, I used the command "SELECT * FROM Customers WHERE CustomerName LIKE 'd_%_%';"