

C3-S4-PRACTICE

What you will know:

LIKE - DISTINCT

Open [this online SQL editor](#)

Look at the content of the **Customers** table, using a SQL command or by clicking on the link on the right side

Q1: Show all the **different** countries the customers come from

Expected columns:

Country

Your query:

```
SELECT DISTINCT(Country) FROM Customers;
```

Q2: Show all the customers from Germany whose name starts with "D"

Expected columns:

CustomerName	Country
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Your query:

```
SELECT CustomerName, Country FROM Customers WHERE Country = "Germany" AND Customername LIKE 'D%';
```

Q3: Show all customers from Germany whose name starts with "D", **together with** all customers from Mexico whose name **does not** start with "A"

Expected columns:

CustomerName	Country
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Your query:

```
SELECT CustomerName, Country FROM Customers WHERE (Country = "Germany" AND Customername LIKE 'D%') OR (Country = "Mexico" AND Customername NOT LIKE 'A%');
```

Q4: Show all customers from Germany whose id is less than 40, together with all customers from Mexico whose id is greater than 50

Expected columns:

CustomerName	Country
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Your query:

```
SELECT CustomerName, CustomerID FROM Customers WHERE (Country = "Germany" AND CustomerID < 40 ) OR (Country = "Mexico" AND CustomerID > 50 );
```

Q5: Show all customers from France whose name starts with 'B' together with customers from France who do not come from Paris

Note: Customer from France, not coming from Paris and having a name starting with "B" shall appear only once on this result

Expected columns:

CustomerName	City	Country
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Your query:

```
SELECT Customername , City , Country FROM Customers WHERE Country = 'France' AND Customername LIKE 'B%' AND City != 'Paris';
```

Q7: Display the different cities of customers from France or whose name starts with "B"

Expected columns:

City

```
SELECT City FROM Customers WHERE Customername LIKE 'B%';
```

Q8: Display all customers whose name starts with letter 's' and ends with letter 'e'.

Expected columns:

CustomerName

Your query:

```
SELECT Customername FROM Customers WHERE Customername LIKE 's%e';
```

Q9: Display all customers whose name contains 'er'

Expected columns:

CustomerName

Your query:

```
SELECT Customername FROM Customers WHERE Customername LIKE '%er%';
```

Q10: Display all product name that the second letter is 'L'.

Expected columns:

CustomerName

Your query:

```
SELECT ProductName FROM Products WHERE ProductName LIKE '_L%';
```