C3-S4-PRACTICE

# What you will know:

LIKE - DISTINCT

Open [this online SQL editor](https://www.w3schools.com/mysql/trymysql.asp?filename=trysql_select_columns)

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

**Your query: SELECT \* FROM customers where 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

**Your query: SELECT \* FROM customers**

**WHERE (country = 'Germany' AND customername LIKE 'D%')**

**OR (country = 'Mexico' AND NOT customername 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

**Your query: SELECT \*FROM customers**

**WHERE (country = 'Germany' AND id < 40)**

**OR (country = 'Mexico' AND id > 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

**Your query:**  **SELECT \*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 DISTINCT City FROM Customers**

**WHERE Country = 'France' AND customername LIKE 'B%' ;**

**Q8:** Display all customers whose name starts with letter ‘*s*’ and ends with letter ‘e’.

Expected columns:

CustomerName

**Your query: SELECT \* FROM customers**

**WHERE customername LIKE 's%e';**

**Q9:** Display all customers whose name contains ‘er’

Expected columns:

CustomerName

**Your query: SELECT \* FROM customers**

**WHERE customername LIKE '%er%';**

**Q10:** Display all product name that the second letter is ‘L’.

Expected columns:

CustomerName

**Your query: SELECT \* FROM products WHERE SUBSTRING(productname, 2, 1) = 'L';**