S3 –INTERSECT EXPECT

# What you will know:

INTERSECT - EXPECT

Open [this online SQL editor](https://www.w3schools.com/sql/trysql.asp?filename=trysql_op_in)

**Q9**

Display all data about of customers from France whose name starts with “B” and ends with “S”

Note: you shall use the INTERSECT key word

SELECT \* FROM Customers

WHERE Country="France"

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SELECT \* FROM Customers

WHERE CustomerName LIKE 'B%S'

Expected columns:

CustomerID CustomerName ContactName Address City PostalCode Country

**Q10**

Using the [OrderDetails] table, display the ids of products (no **duplicates)** related to:

* Orders whose quantity is greater than 10 and lower than 30

SELECT DISTINCT (ProductID) FROM [OrderDetails]

WHERE Quantity>=10 AND Quantity<=30

Expected columns:

ProductID

**Q11**

Using the [OrderDetails] and [Product] tables, display the ids of products (no **duplicates)** related to:

* Orders whose quantity is greater than 10 and lower than 30

AND

* Product price greater than 20.50

SELECT ProductID FROM [Products]

WHERE Price>=20.50

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SELECT ProductID FROM [OrderDetails]

WHERE Quantity>=10 AND Quantity<=30

Expected columns:

ProductID

**Q12**

Using the [OrderDetails] and [Product] tables, display the ids of products (no **duplicates)** related to:

* Orders whose quantity is greater than 10 and lower than 30

OR

* Product price greater than 120.00

SELECT ProductID FROM [Products]

WHERE Price>=120.00

UNION

SELECT ProductID FROM [OrderDetails]

WHERE Quantity>=10 AND Quantity<=30

Expected columns:

ProductID