* Which customers are from the UK?

SELECT \* FROM Customers

WHERE Country = "UK";

* What is the name of the customer who has the most orders?

SELECT CustomerName, COUNT(OrderID) as TOTAL

FROM Customers c JOIN Orders o

ON c.CustomerID = o.CustomerID

GROUP BY CustomerName

ORDER BY 2 DESC

LIMIT 1;

* Which supplier has the highest average product price?

SELECT SupplierName, AVG(Price)

FROM Suppliers s JOIN Products p

ON s.SupplierID = p.SupplierID

GROUP BY SupplierName

ORDER BY 2 DESC LIMIT 1;

* How many different countries are all the customers from? (Hint: consider [DISTINCT](http://www.w3schools.com/sql/sql_distinct.asp).)

SELECT COUNT(DISTINCT Country)

FROM Customers

* What category appears in the most orders?

SELECT CategoryName, COUNT(DISTINCT OrderID) total

FROM OrderDetails od JOIN Products p

USING (ProductID) JOIN Categories c

USING (CategoryID)

GROUP BY CategoryName

ORDER BY 2 DESC LIMIT 1

* What was the total cost for each order?

SELECT OrderID, SUM(Price\*Quantity) TotalCost FROM

OrderDetails od JOIN Products p

USING(ProductID)

GROUP BY OrderID

ORDER BY 2 DESC;

* Which employee made the most sales (by total cost)?

SELECT FirstName || " " || Lastname Name, SUM(Price\*Quantity) Sales

FROM OrderDetails od JOIN Orders o

USING (OrderID) JOIN Employees e

USING (EmployeeID) JOIN Products p

USING (ProductID)

GROUP BY Name

ORDER BY 2 DESC LIMIT 1

* Which employees have BS degrees? (*Hint:* look at the [LIKE](http://www.w3schools.com/sql/sql_like.asp) operator.)

SELECT EmployeeID, FirstName || " " || LastName Name FROM Employees

WHERE Notes LIKE "%B\_S%"

* Which supplier of three or more products has the highest average product price? (*Hint:* look at the [HAVING](http://www.w3schools.com/sql/sql_having.asp) operator.)

SELECT SupplierID, SupplierName, AVG(Price)

FROM Suppliers s JOIN Products p

USING(SupplierID)

GROUP BY SupplierID, SupplierName

HAVING COUNT(ProductID) >= 3

ORDER BY 3 DESC LIMIT 1