

Scenario/ Challenge

Your Role: Sales Executive

You are a sales executive of an import-export company called "Northwind Traders", which imports and exports specialty foods from around the world. The Enterprise Resource Planning (ERP) software you are in charge of, contains a database with several tables for customers, orders, inventory, purchasing, suppliers, shipping, employees, and single-entry accounting.



Your Task

1. Retrieve all orders made by a specific customer whose CustomerID is 'ALFKI'
2. Retrieve all orders made in a specific year 1997. (Use the SQL function YEAR() to access the year of OrderDate)
3. Retrieve the total number of orders for each customer.
4. Retrieve the ProductID, Sum of Orders by ProductID and the TotalOrderAmount as the SUM of UnitPrice and Quantity

(Pause the video to complete the task and unpause to see the solution once the task is complete)

```
SELECT * FROM Orders WHERE CustomerID = 'ALFKI'  
SELECT * FROM Orders WHERE YEAR(OrderDate) = 1997  
SELECT CustomerID, COUNT (OrderID) as OrderCount FROM Orders  
GROUP BY CustomerID  
SELECT ProductID , COUNT (OrderID) as CountOrders,  
SUM (UnitPrice * Quantity) As TotalOrderAmount  
FROM [Order Details]  
GROUP BY ProductID
```

SQLQuery1.sql - EC...Administrator (61)) * X

```
SELECT * FROM Shippers
SELECT COUNT(*) Shippers
SELECT count(*) as NumberOfRows FROM Shippers
SELECT CategoryName, Description FROM Categories
SELECT FirstName, LastName, HireDate FROM Employees
WHERE Title = 'Sales Representative'
SELECT FirstName, LastName, HireDate FROM Employees
WHERE Title = 'Sales Representative' AND Country = 'USA'
SELECT FirstName, LastName, HireDate, Title, Country FROM Employees
--WHERE Title = 'Sales Representative' AND Country = 'USA'
SELECT FirstName, LastName, HireDate, Title, Country FROM Employees
WHERE Title = 'Sales Representative' AND Country = 'USA'
SELECT OrderID, OrderDate FROM Orders WHERE EmployeeID = 5
SELECT SupplierID, ContactName, ContactTitle FROM Suppliers
SELECT SupplierID, ContactName, ContactTitle FROM Suppliers
WHERE ContactTitle != 'Marketing Manager'
SELECT OrderID FROM Orders
```

100 %

Results Messages

	ShipperID	CompanyName	Phone
1	1	Speedy Express	(503) 555-9831
2	2	United Package	(503) 555-3199
3	3	Federal Shipping	(503) 555-9931

	Shippers
1	1

	NumberOfRows
1	3

	CategoryName	Description
1	Beverages	Soft drinks, coffees, teas, beers, and ales
2	Condiments	Sweet and savory sauces, relishes, spreads, and ...

Query executed successf... EC2AMAZ-J5GP1U8\SQLEXPRESS ... EC2AMAZ-J5GP1U8\Admini... Northwind 00:00:00 1,008 rows

```

WHERE ContactTitle != 'Marketing Manager'
SELECT OrderID FROM Orders
WHERE ShipCountry In( 'France','Belgium')
SELECT ProductID, ProductName FROM Products
Where ProductName LIKE '%queso%'
SELECT Country FROM Customers GROUP BY Country
SELECT Country, count(CustomerID) FROM Customers GROUP BY Country
SELECT Country, count(CustomerID) as NumberOfCustomers
FROM Customers GROUP BY Country
SELECT Country, City, count(CustomerID) as NumberOfCustomers
FROM Customers GROUP BY Country, City
SELECT Country, City, count(CustomerID) as NumberOfCustomers
FROM Customers GROUP BY Country, City
ORDER BY NumberOfCustomers desc
SELECT * FROM Orders WHERE CustomerID = 'ALFKI'
SELECT * FROM Orders WHERE YEAR(OrderDate) = 1997
SELECT CustomerID, Count (OrderID) as OrderCount FROM Orders

```

10 %

Results Messages

2	Andrew	Fuller	1992-08-14 00:00:00.000	Vice President, Sales	USA
3	Janet	Leverling	1992-04-01 00:00:00.000	Sales Representative	USA
4	Margaret	Peacock	1993-05-03 00:00:00.000	Sales Representative	USA
5	Steven	Buchanan	1993-10-17 00:00:00.000	Sales Manager	UK
6	Michael	Suyama	1993-10-17 00:00:00.000	Sales Representative	UK
7	Robert	King	1994-01-02 00:00:00.000	Sales Representative	UK
8	Laura	Callahan	1994-03-05 00:00:00.000	Inside Sales Coordi...	USA
9	Anne	Dodsw...	1994-11-15 00:00:00.000	Sales Representative	UK

	FirstName	LastName	HireDate	Title	Country
1	Nancy	Davolio	1992-05-01 00:00:00.000	Sales Representative	USA
2	Janet	Leverling	1992-04-01 00:00:00.000	Sales Representative	USA
3	Margaret	Peacock	1993-05-03 00:00:00.000	Sales Representative	USA