Using Adventure works database.

1. Write an inline function called “GetProductsSoldToCustomer” which returns total quantity of each product sold to the specific customer which is sent as an input parameter in specified year. The **year and customerID** should be your input parameters. The return result should have the following columns:
   1. ProductID
   2. ProductName
   3. ProductNumber
   4. TotalQuantity

**Hint: use OrderDate for filtering the year.**

1. Write a stored procedure which returns the portion of sold product quantity in a year to specific customer to whole quantity sold in all year to that customer.

So there are two input parameters **customerID and year.**

You should use GetProductsSoldToCustomer function in assignment 1 and insert the results of it into a temp table. Then use that temp table for the rest of your solution.

For example: 400 items of Product X sold to the customer C in year 2001. And 1200 items of product X sold to customer C in the whole years; the portion of sold items in year 2001 to the whole would be 400/1200 which is 1/3. So the output columns should be as follow:

1. ProductID
2. ProductName
3. ProductNumber
4. TotalQuantityInSpecifiedYear
5. WholeTotalQuantity
6. SoldPortionInSpecifiedYear