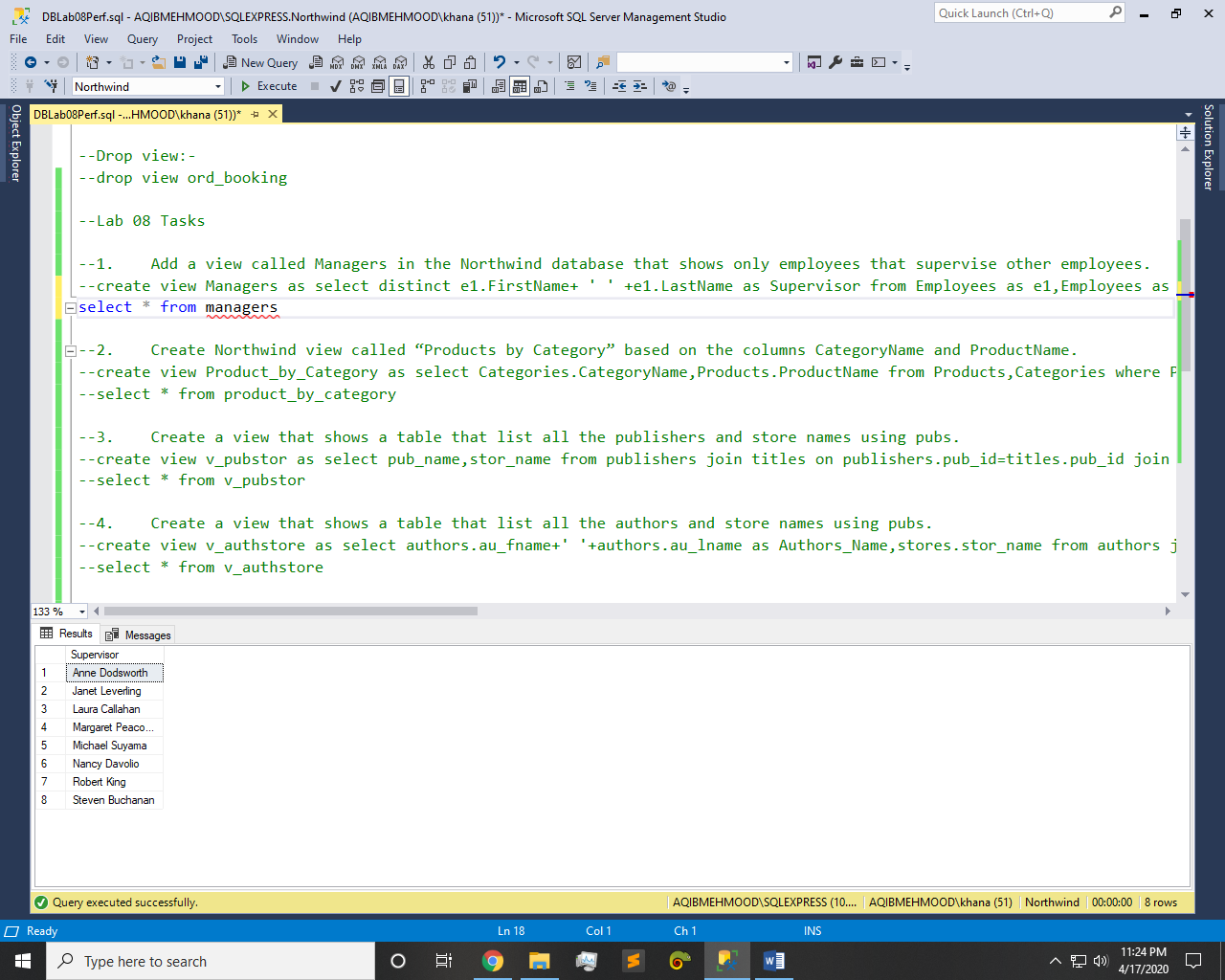
Q1: - Add a view called Managers in the Northwind database that shows only employees that supervise other employees.

Query:-

create view Managers as select distinct e1.FirstName+ ' ' +e1.LastName as Supervisor from Employees as e1,Employees as e2 where e1.ReportsTo=e2.EmployeeID

select \* from managers

Result:-



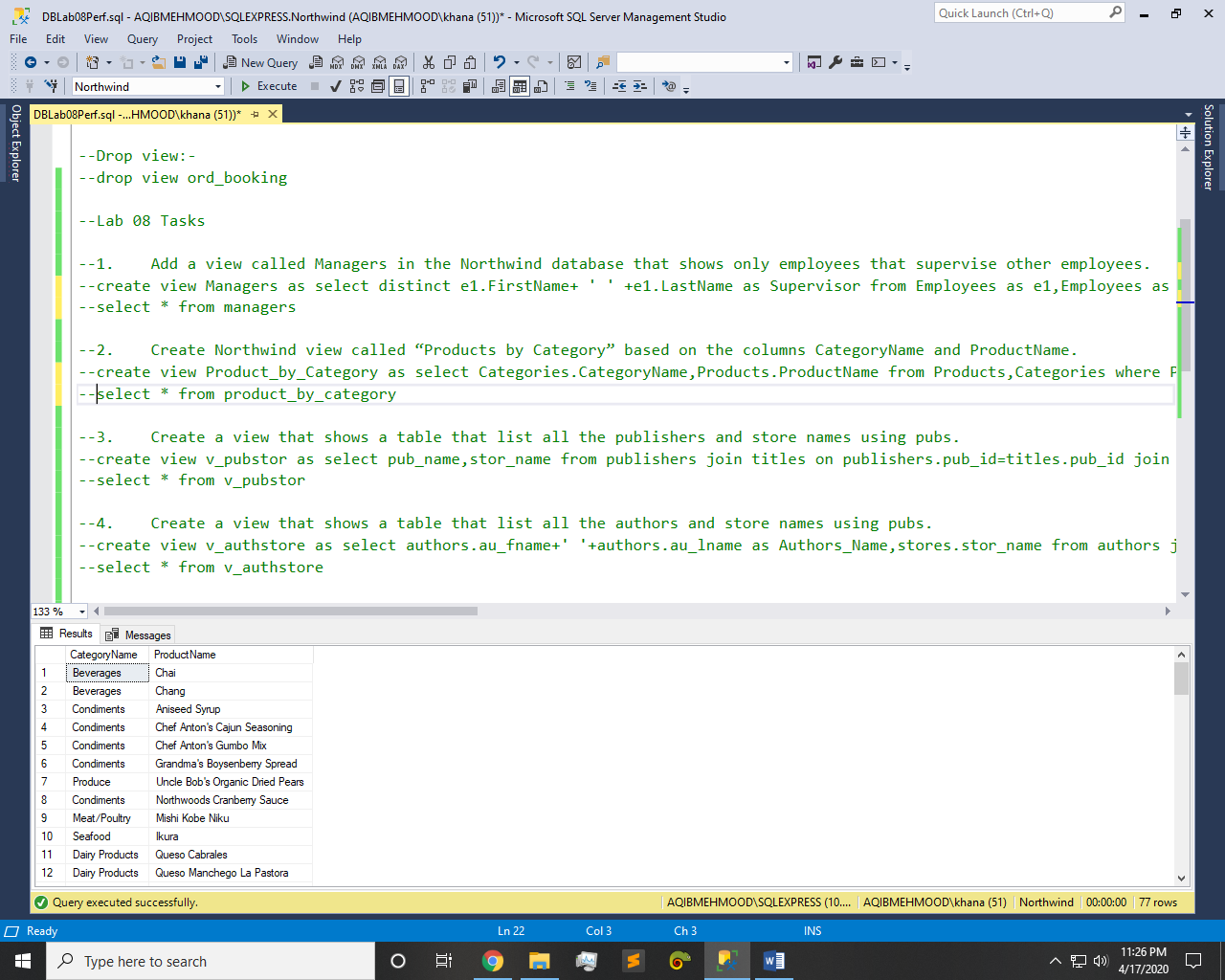
Q2: - Create Northwind view called “Products by Category” based on the columns CategoryName and ProductName.

Query:-

create view Product\_by\_Category as select Categories.CategoryName,Products.ProductName from Products,Categories where Products.CategoryID=Categories.CategoryID

select \* from product\_by\_category

Result:-



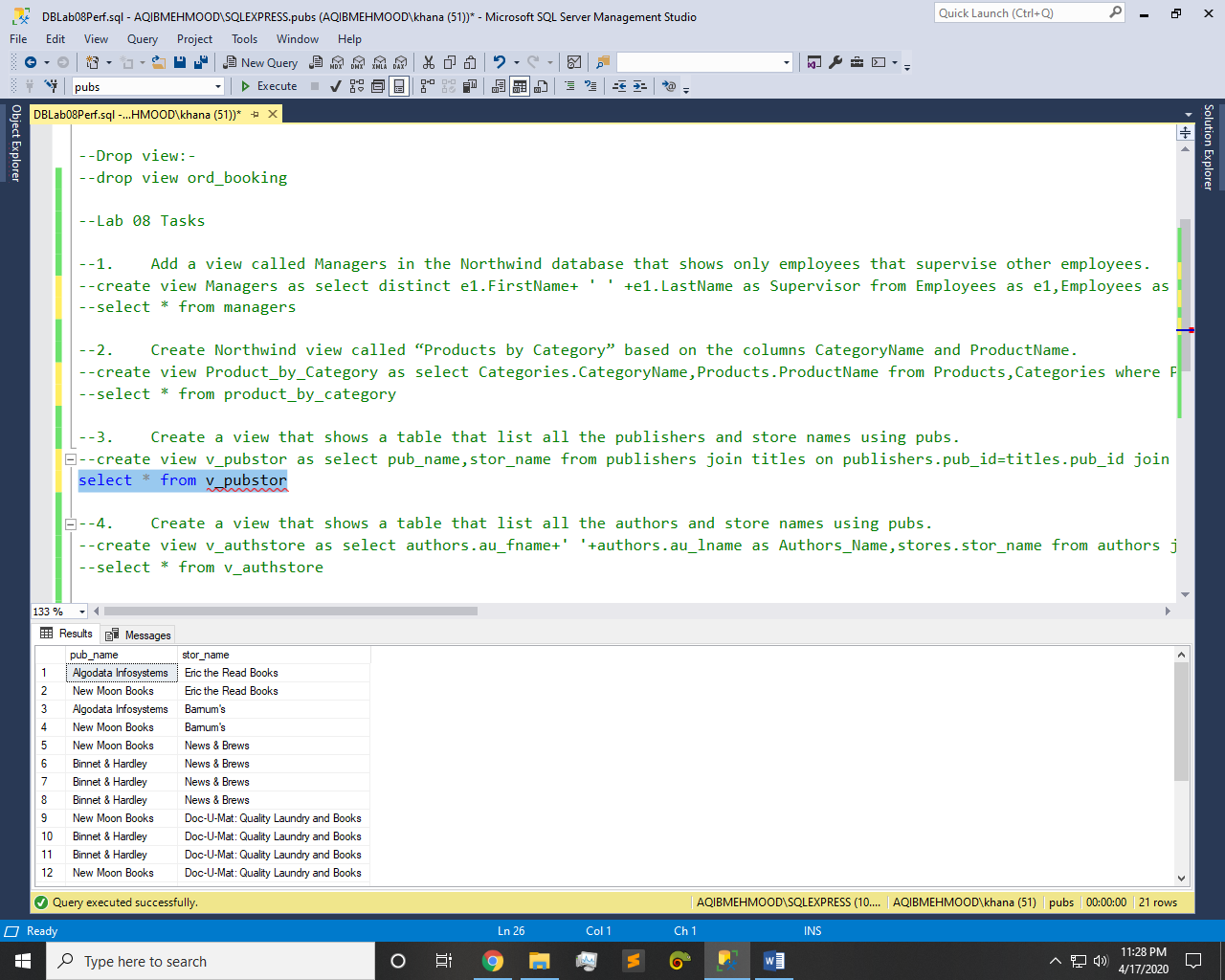
Q3: - Create a view that shows a table that list all the publishers and store names using pubs.

Query:-

create view v\_pubstor as select pub\_name,stor\_name from publishers join titles on publishers.pub\_id=titles.pub\_id join sales on sales.title\_id=titles.title\_id join stores on stores.stor\_id=sales.stor\_id

select \* from v\_pubstor

Result:-



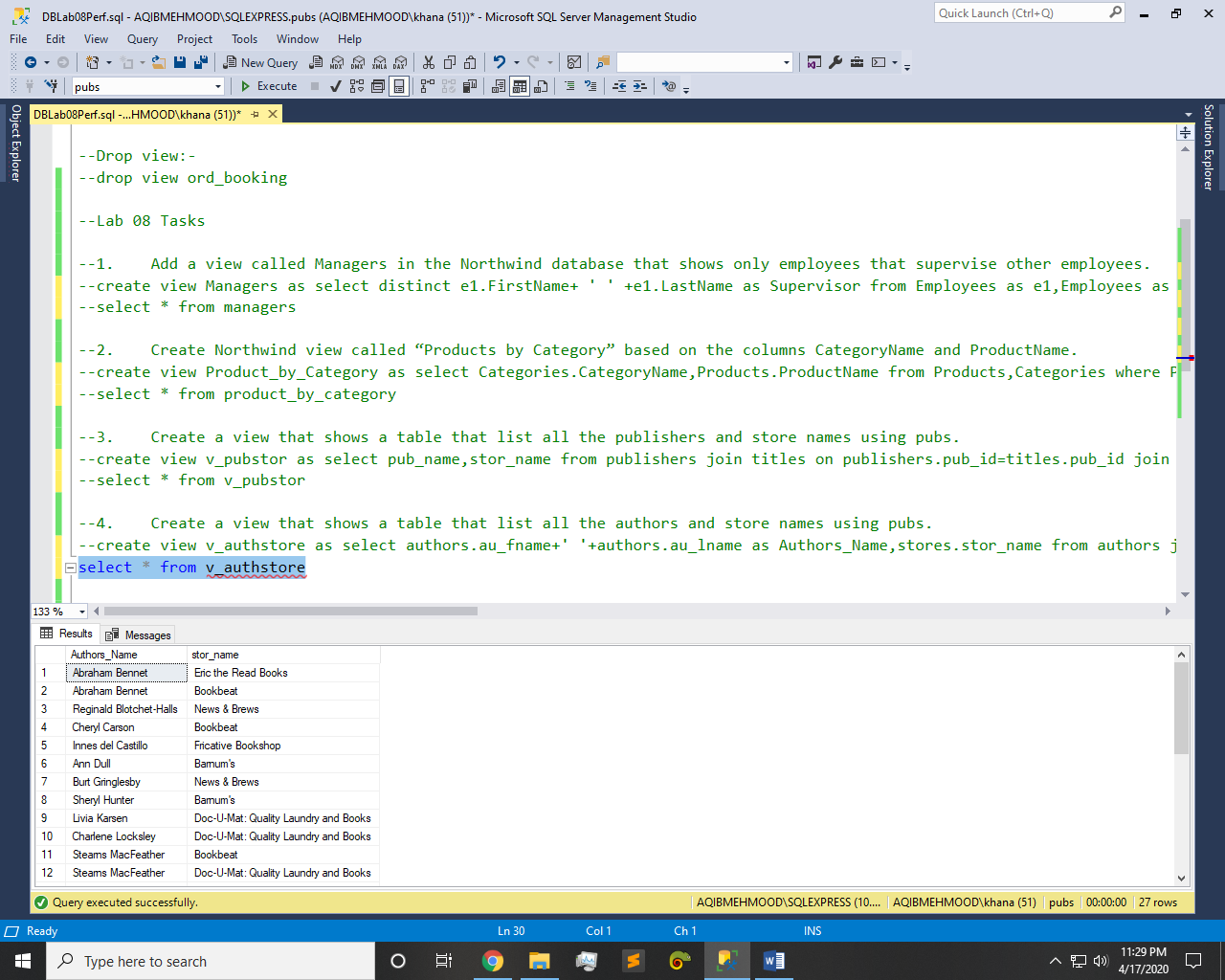
Q4: - Create a view that shows a table that list all the authors and store names using pubs.

Query:-

create view v\_authstore as select authors.au\_fname+' '+authors.au\_lname as Authors\_Name,stores.stor\_name from authors join titleauthor on authors.au\_id=titleauthor.au\_id join titles on titleauthor.title\_id=titles.title\_id join sales on titles.title\_id=sales.title\_id join stores on sales.stor\_id=stores.stor\_id

select \* from v\_authstore

Result:-



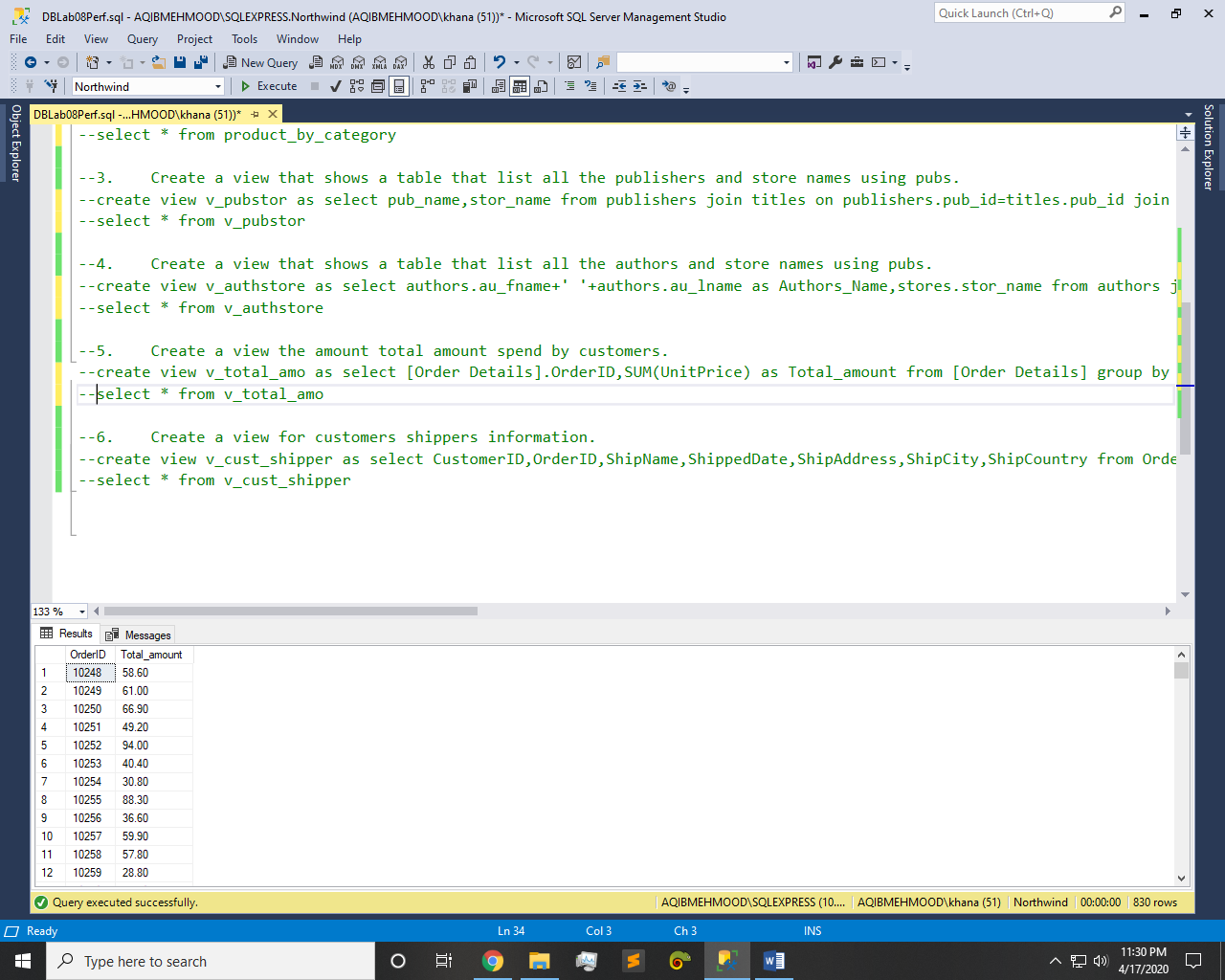
Q5: - Create a view the amount total amount spend by customers.

Query:-

create view v\_total\_amo as select [Order Details].OrderID,SUM(UnitPrice) as Total\_amount from [Order Details] group by OrderID

select \* from v\_total\_amo

Result:-



Q6: - Create a view for customers shippers information.

Query:-

create view v\_cust\_shipper as select CustomerID,OrderID,ShipName,ShippedDate,ShipAddress,ShipCity,ShipCountry from Orders

select \* from v\_cust\_shipper

Result:-

