Q1: - Insert the following values to table Stores

Query:-

create table Stores(

Store\_id varchar(4) primary key,

Store\_name varchar(40) not null,

Store\_address varchar(225) not null,

city varchar(40) not null,

state varchar(225) not null,

zip int not null

)

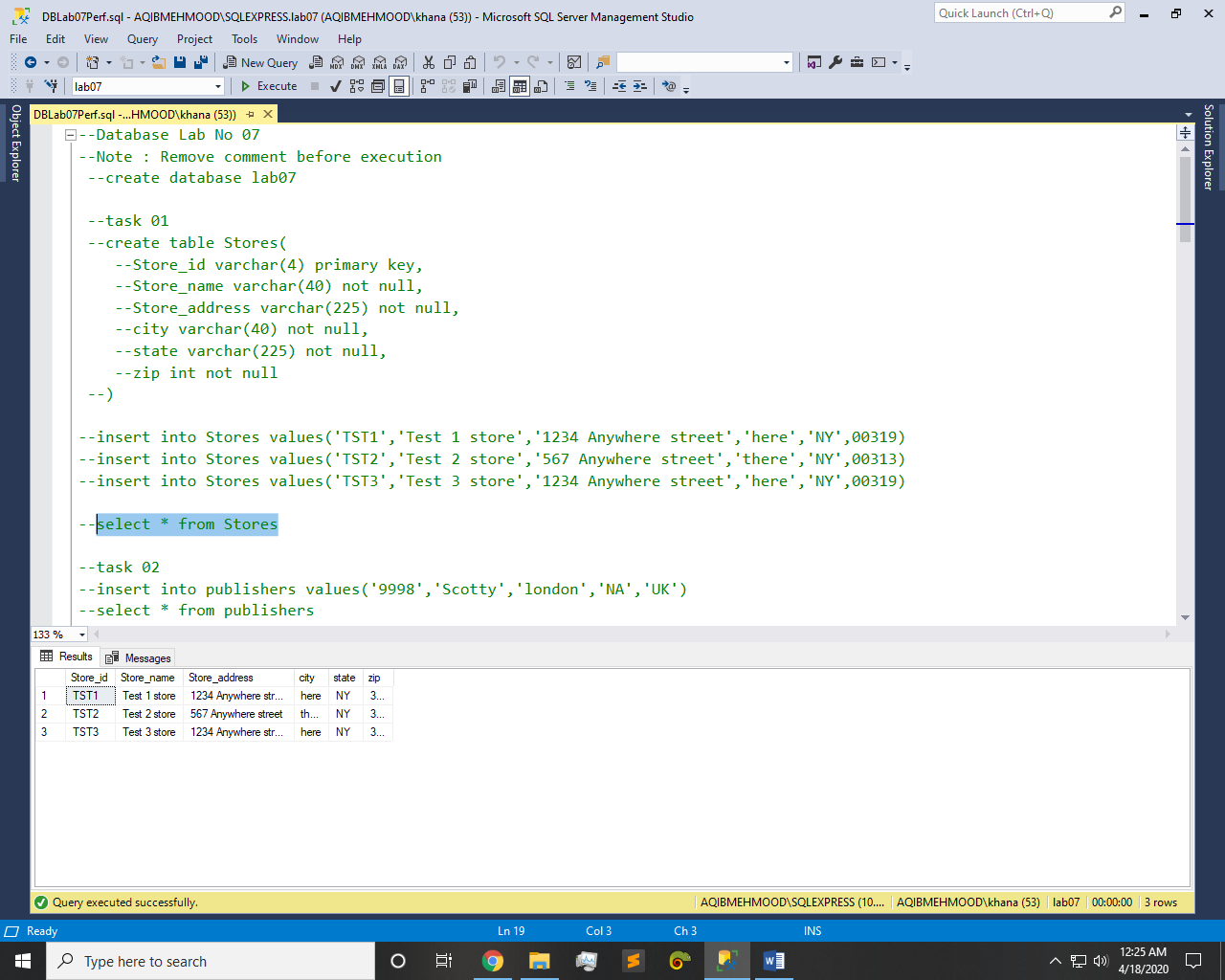
insert into Stores values('TST1','Test 1 store','1234 Anywhere street','here','NY',00319)

insert into Stores values('TST2','Test 2 store','567 Anywhere street','there','NY',00313)

insert into Stores values('TST3','Test 3 store','1234 Anywhere street','here','NY',00319)

select \* from Stores

Result:-



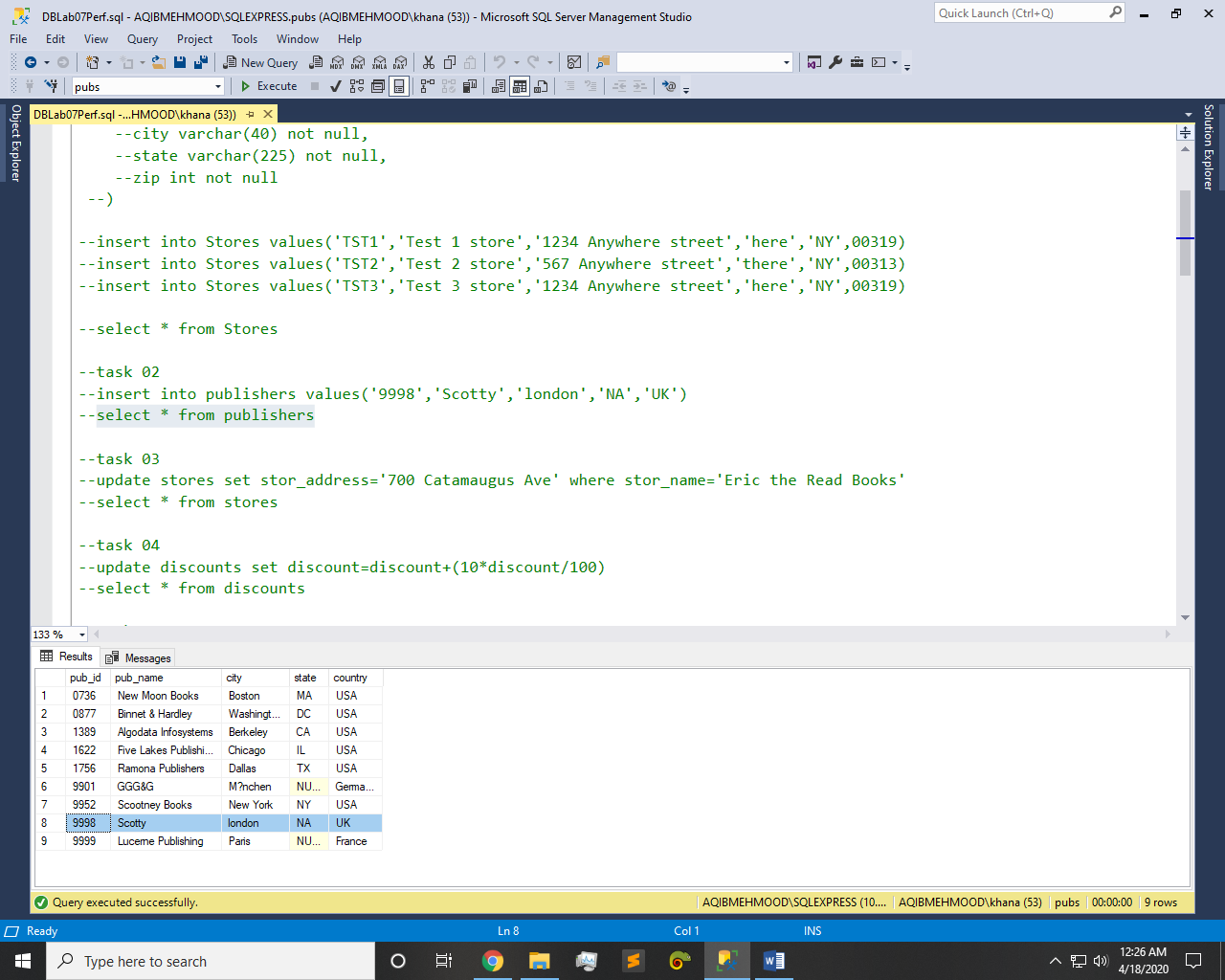
Q2: - Add a new publisher whose name is Scotty and is in London UK.

Query:-

insert into publishers values('9998','Scotty','london','NA','UK')

select \* from publishers

Result:-



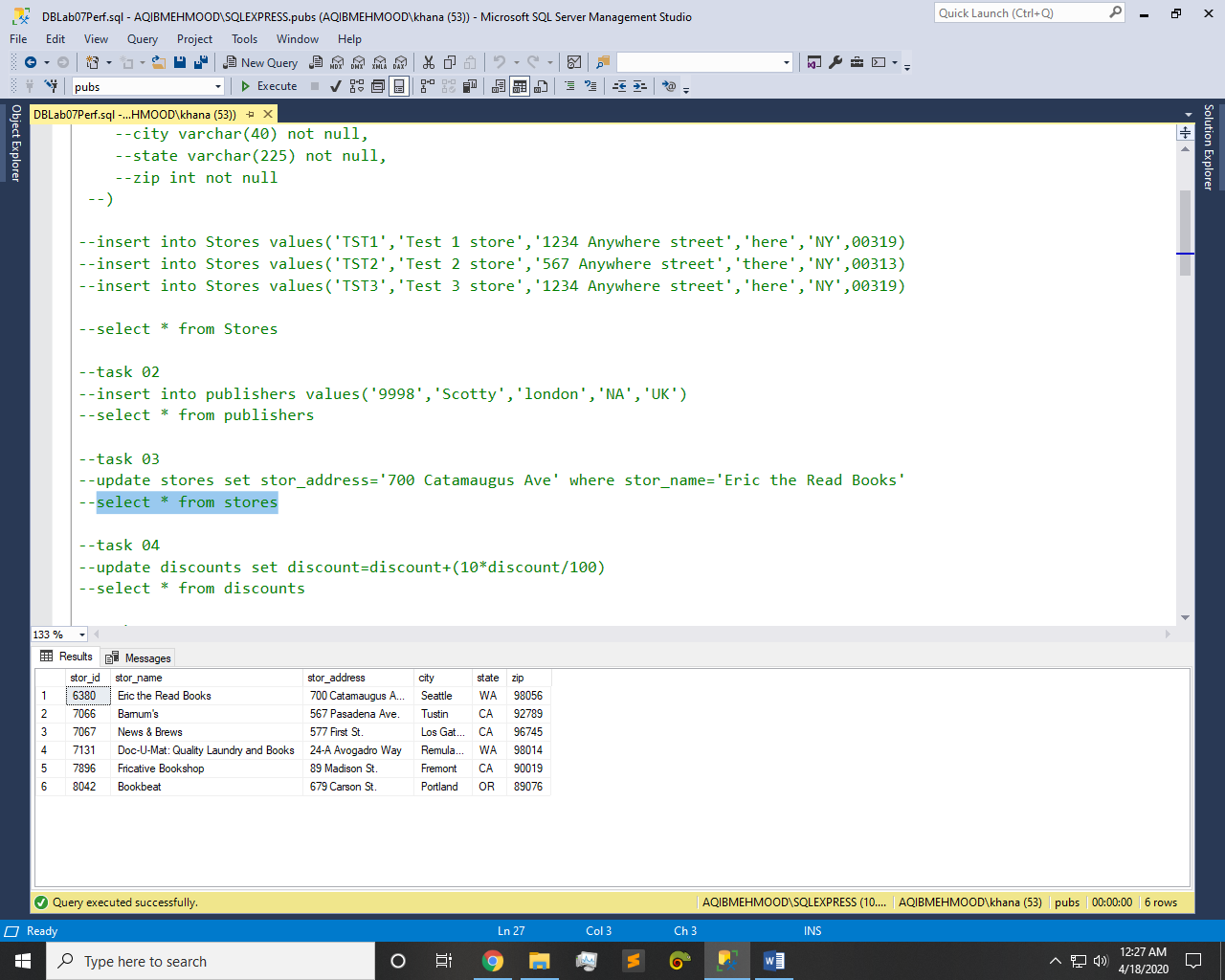
Q3: - Update address of “Eric the Read Books” to “700 Catamaugus Ave”.

Query:-

update stores set stor\_address='700 Catamaugus Ave' where stor\_name='Eric the Read Books'

select \* from stores

Result:-



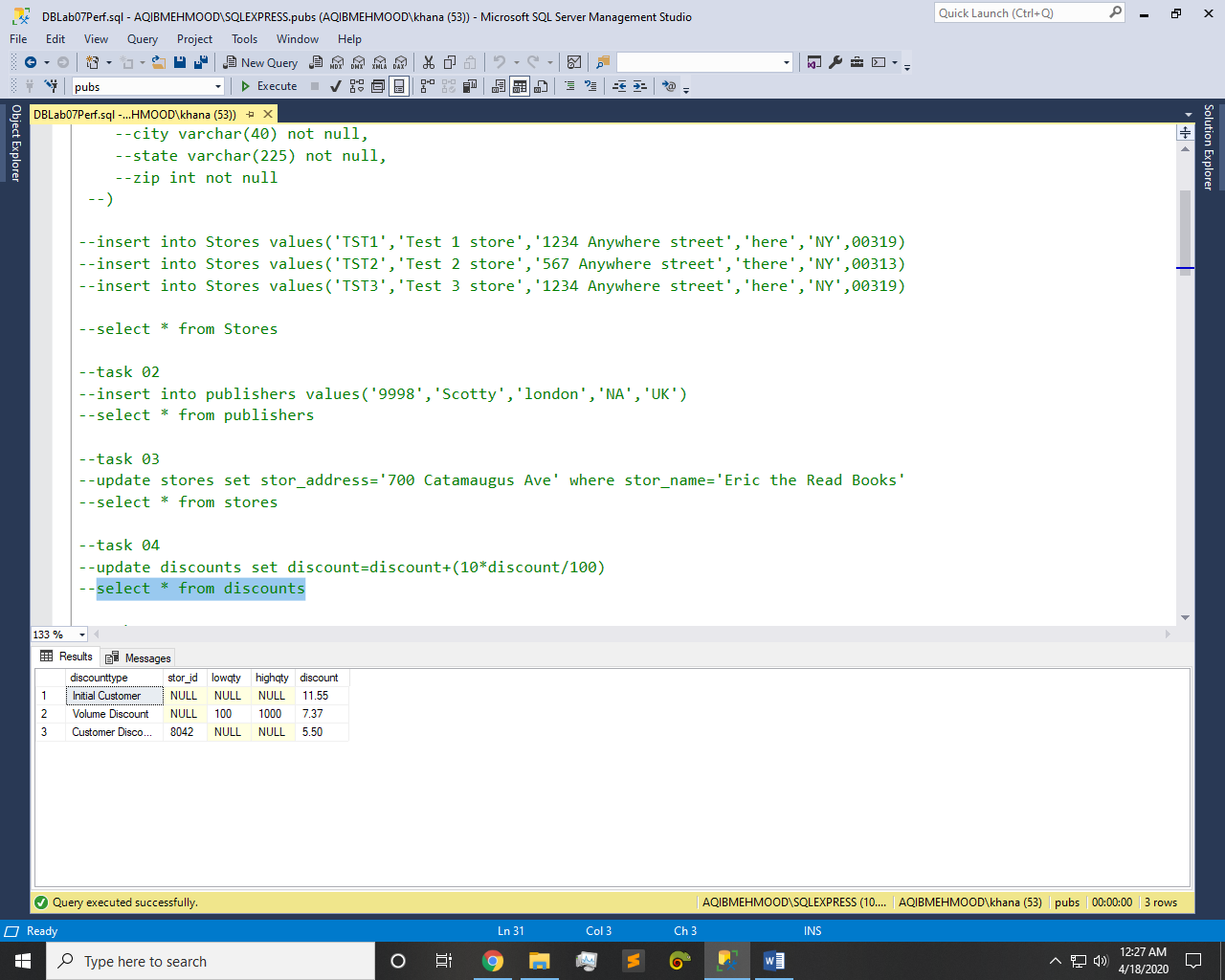
Q4: - Increment all discounts by 10%.

Query:-

update discounts set discount=discount+(10\*discount/100)

select \* from discounts

Result:-



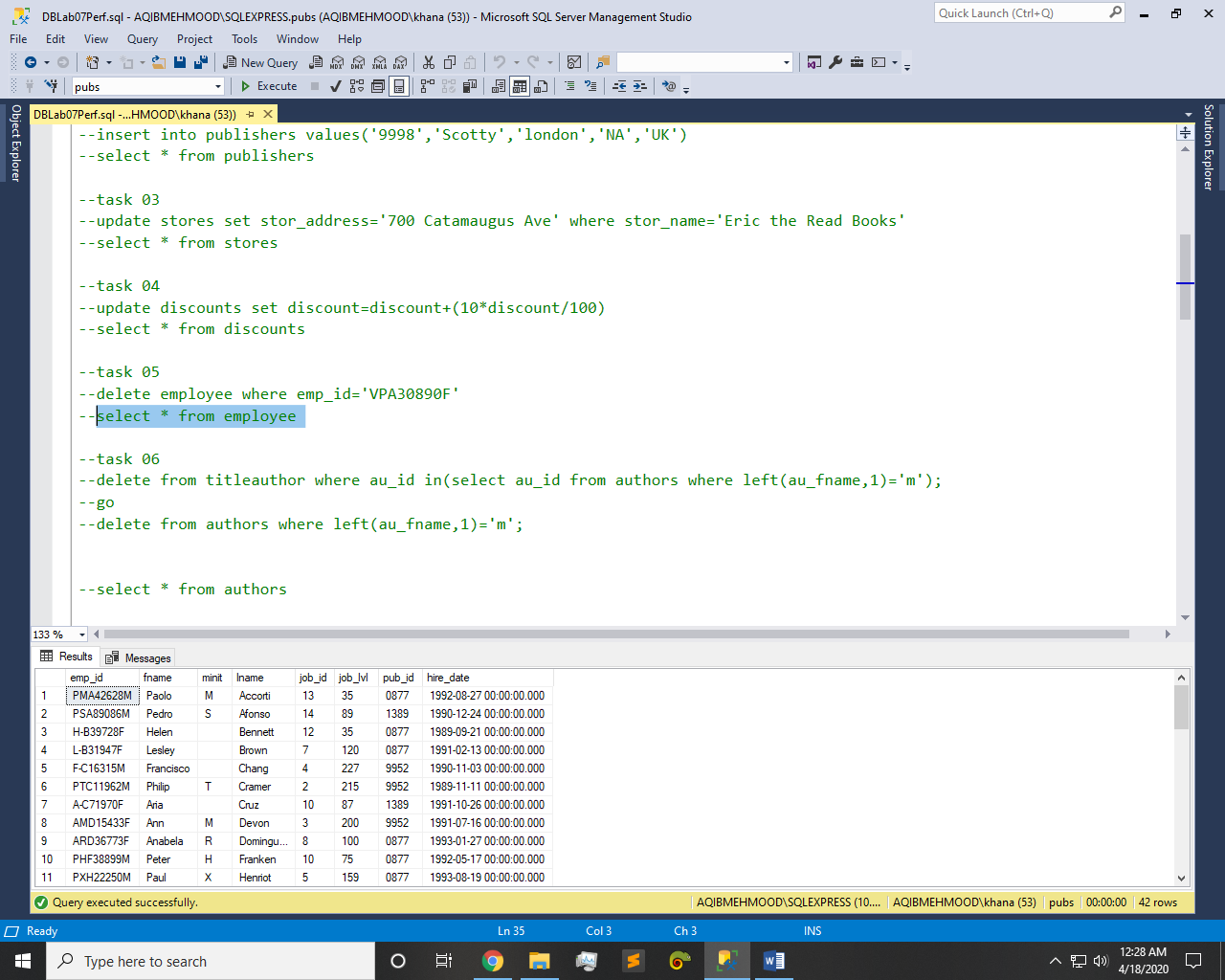
Q5: - Delete employee whose id is “VPA30890F”.

Query:-

delete employee where emp\_id='VPA30890F'

select \* from employee

Result:-



Q6: - Delete all Authors whose first name starts with M.

Query:-

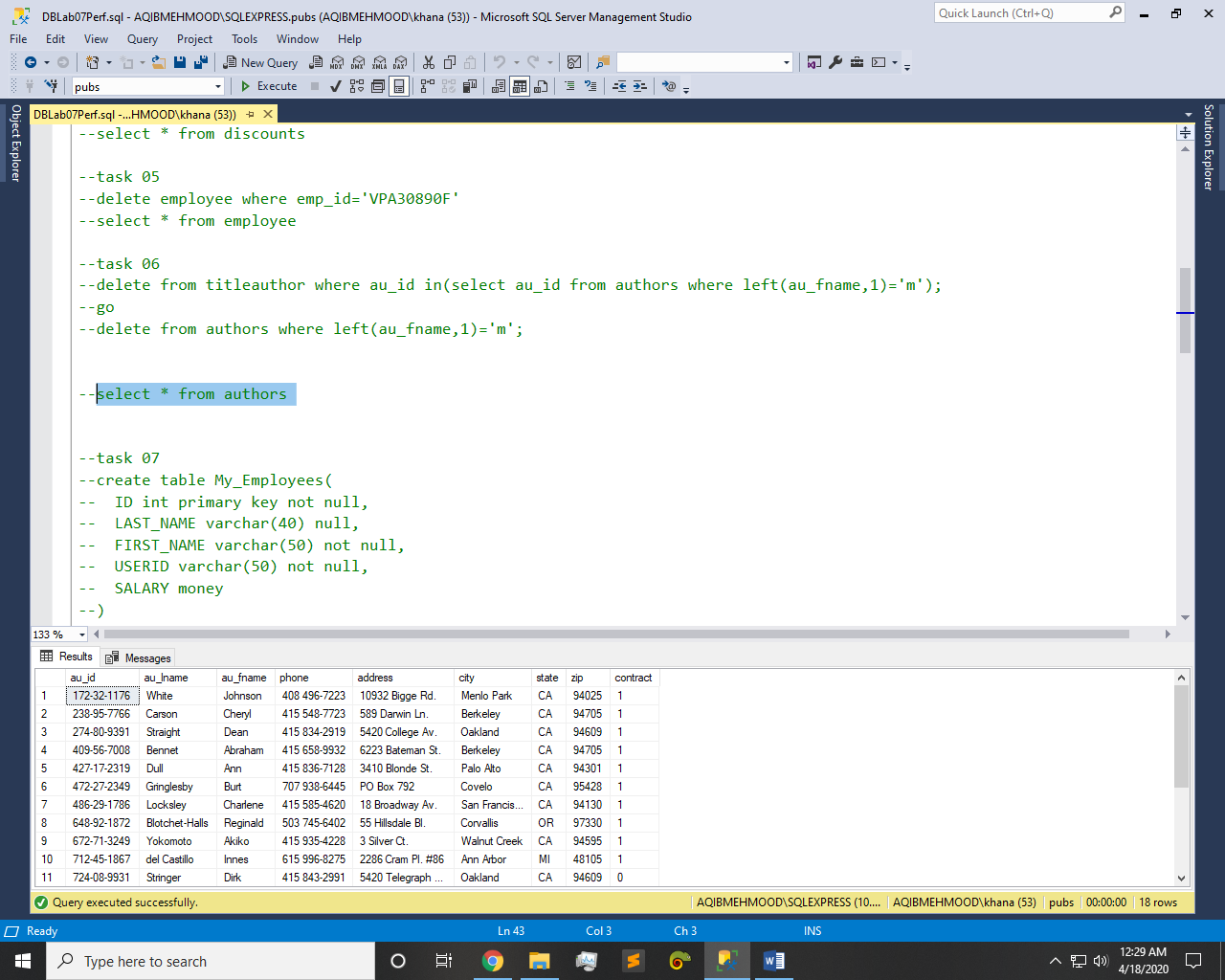
delete from titleauthor where au\_id in(select au\_id from authors where left(au\_fname,1)='m');

go

delete from authors where left(au\_fname,1)='m';

select \* from authors

Result:-



Q7: - Create table My\_Employees with following Columns:

Query:-

create table My\_Employees(

ID int primary key not null,

LAST\_NAME varchar(40) null,

FIRST\_NAME varchar(50) not null,

USERID varchar(50) not null,

SALARY money

)

Result:-

Q8: - Insert these 5 records in above mentioned table My\_Employees.

Query:-

insert into My\_Employees values(1,'Patel','Ralph','rpatel',895)

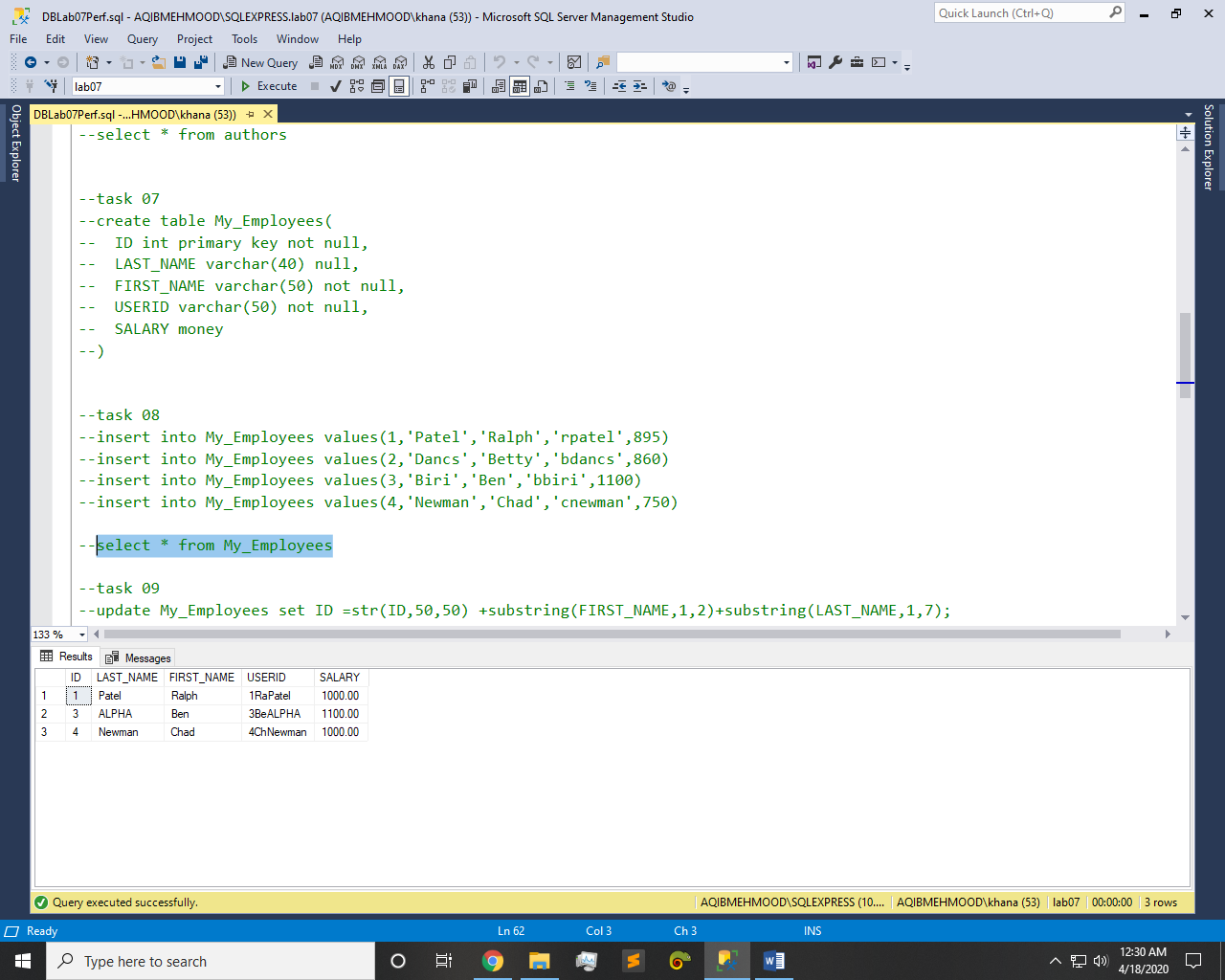
insert into My\_Employees values(2,'Dancs','Betty','bdancs',860)

insert into My\_Employees values(3,'Biri','Ben','bbiri',1100)

insert into My\_Employees values(4,'Newman','Chad','cnewman',750)

select \* from My\_Employees

Result:-



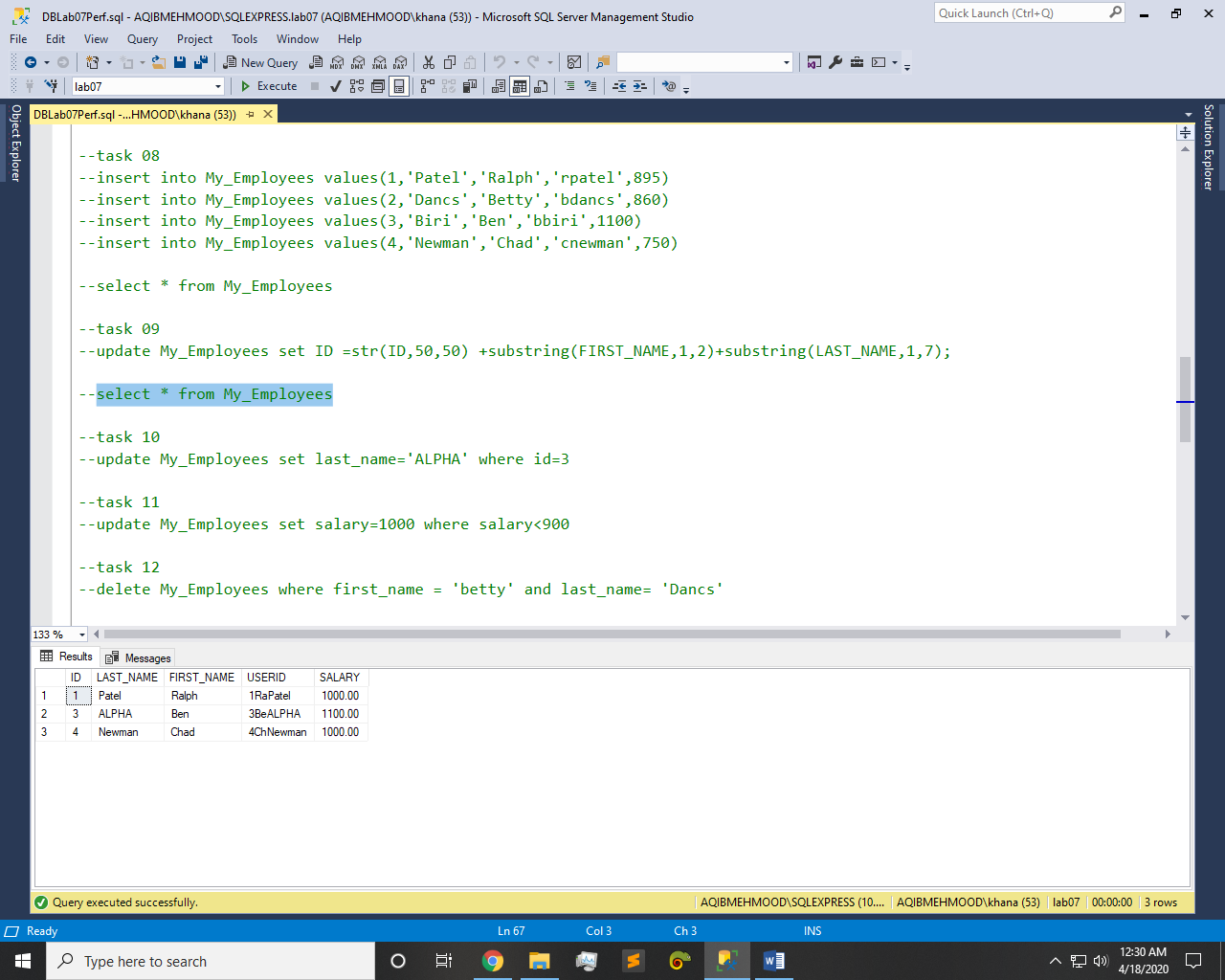
Q9: - Concatenate ID, first two letters of the FIRST\_NAME and first seven characters of the LAST\_NAME to produce the USERID in employee table

Query:-

update My\_Employees set ID =str(ID,50,50) +substring(FIRST\_NAME,1,2)+substring(LAST\_NAME,1,7);

select \* from My\_Employees

Result:-

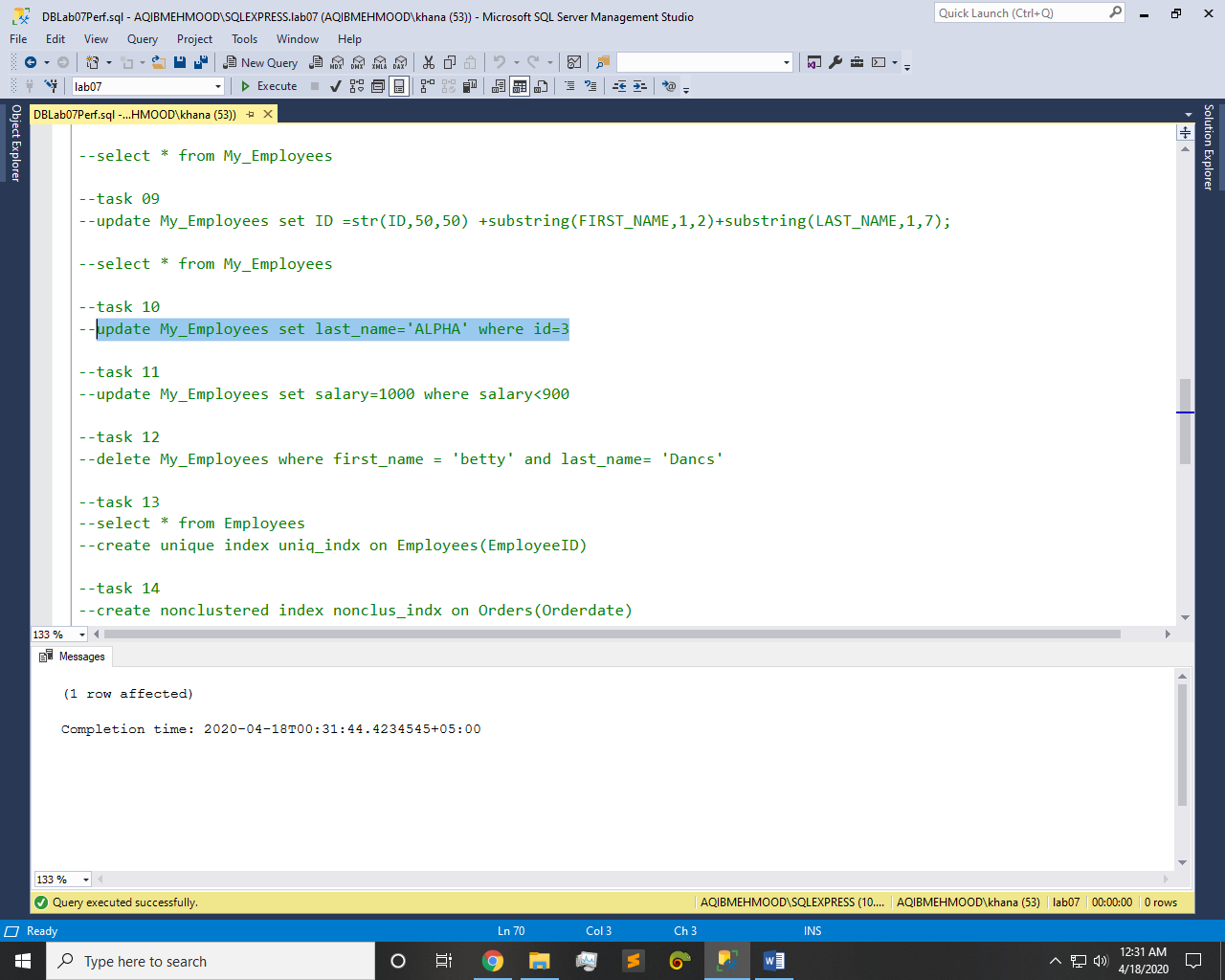


Q10: - Change the LAST\_NAME of employee 3 to ALPHA

Query:-

update My\_Employees set last\_name='ALPHA' where id=3

Result:-

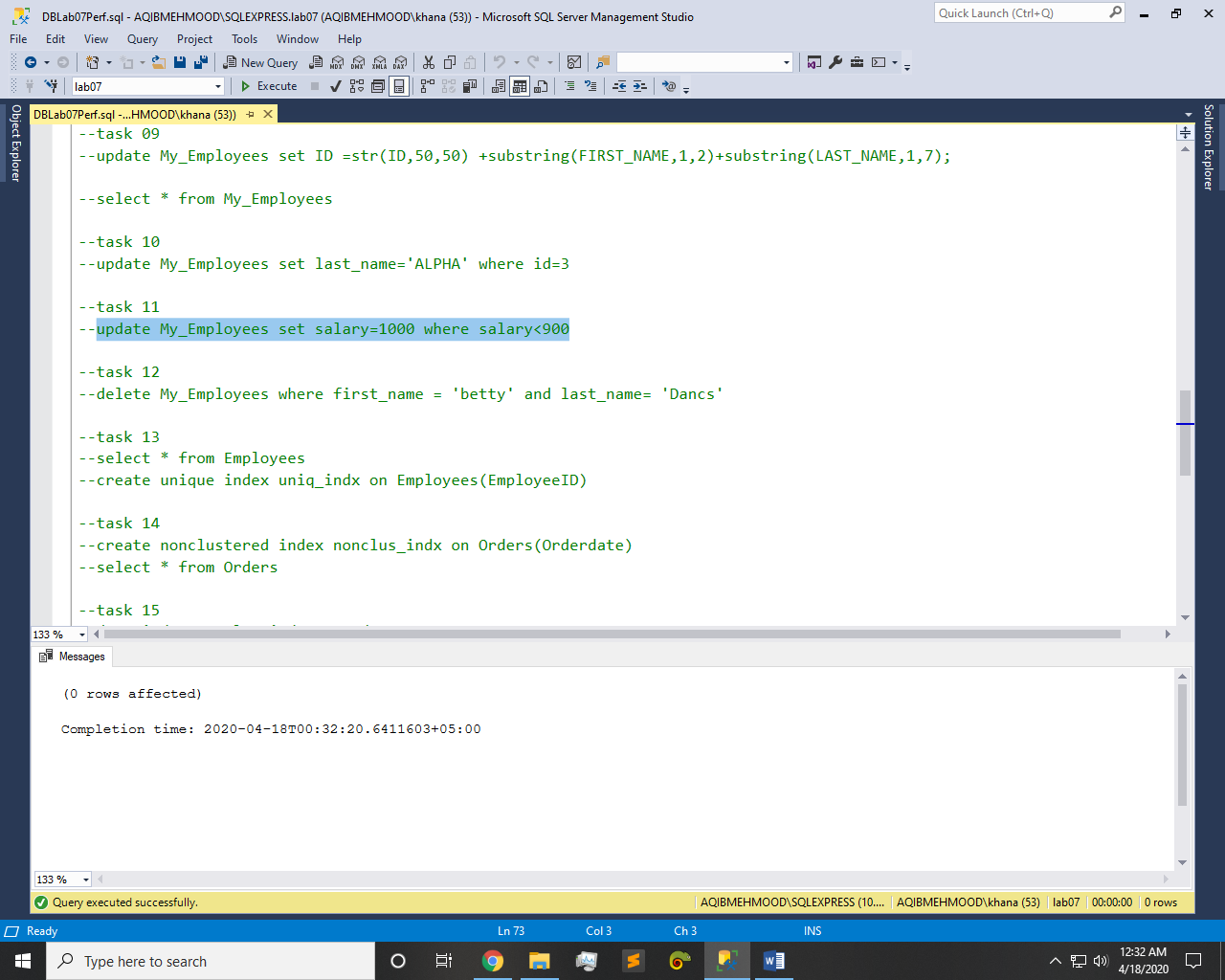


Q11: - Change the salary to 1000 for all employees with a SALARY less than 900.

Query:-

update My\_Employees set salary=1000 where salary<900

Result:-

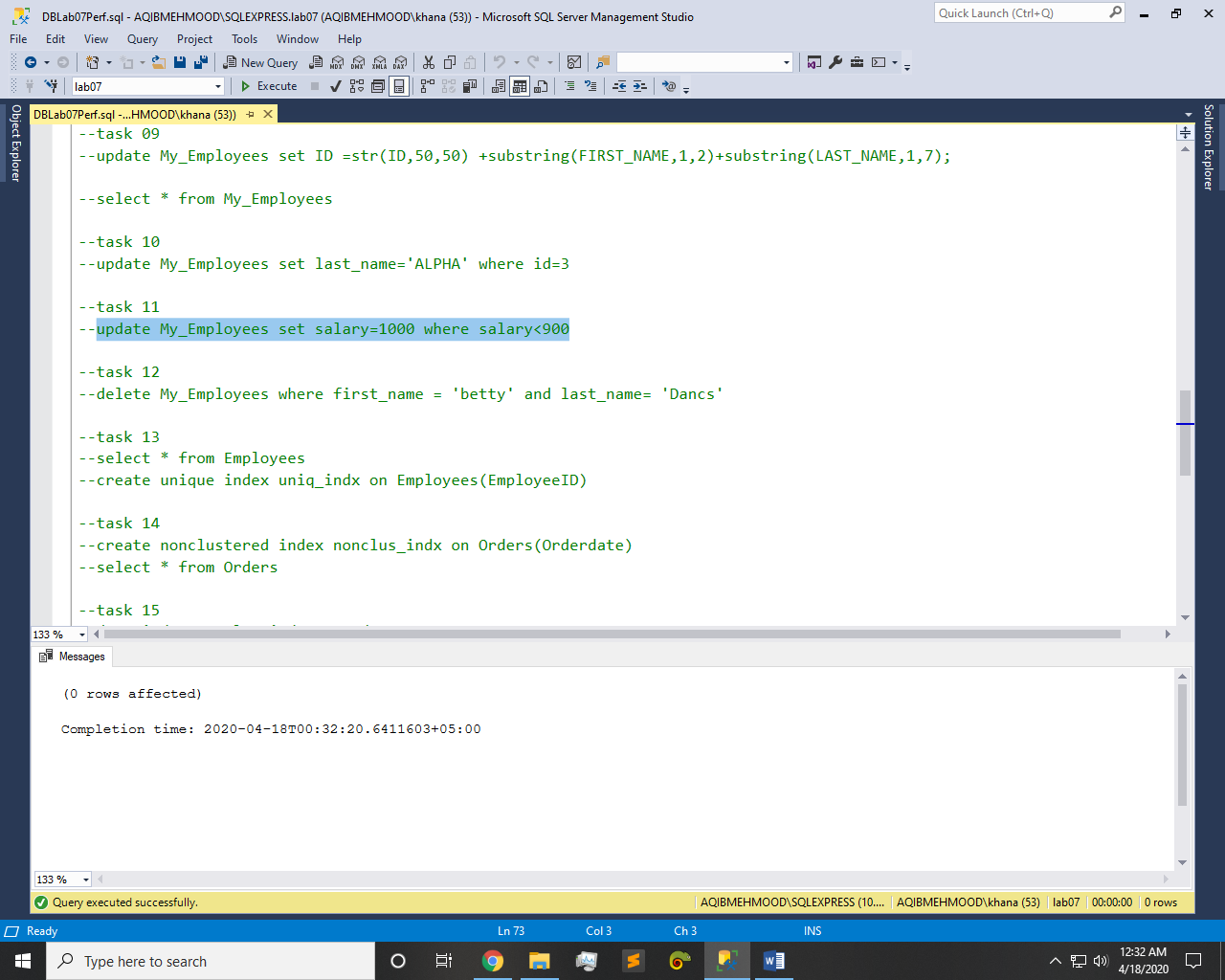


Q12: - Delete Betty Dancs from the My\_Employees Table.

Query:-

delete My\_Employees where first\_name = 'betty' and last\_name= 'Dancs'

Result:-



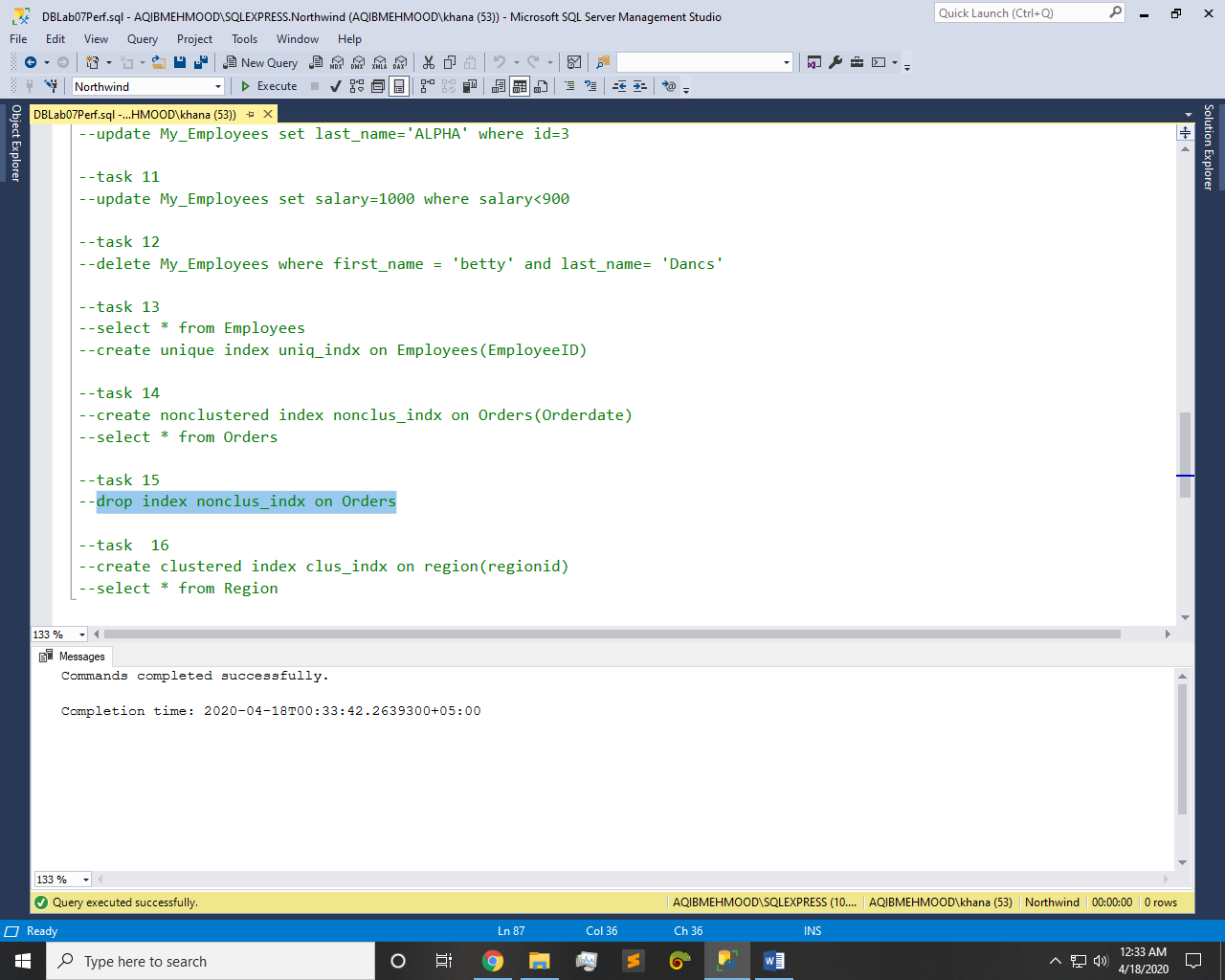
Q13: - Create a unique index on the order table using EmployeeID (Use Northwind)

Query:-

select \* from Employees

create unique index uniq\_indx on Employees(EmployeeID)

Result:-



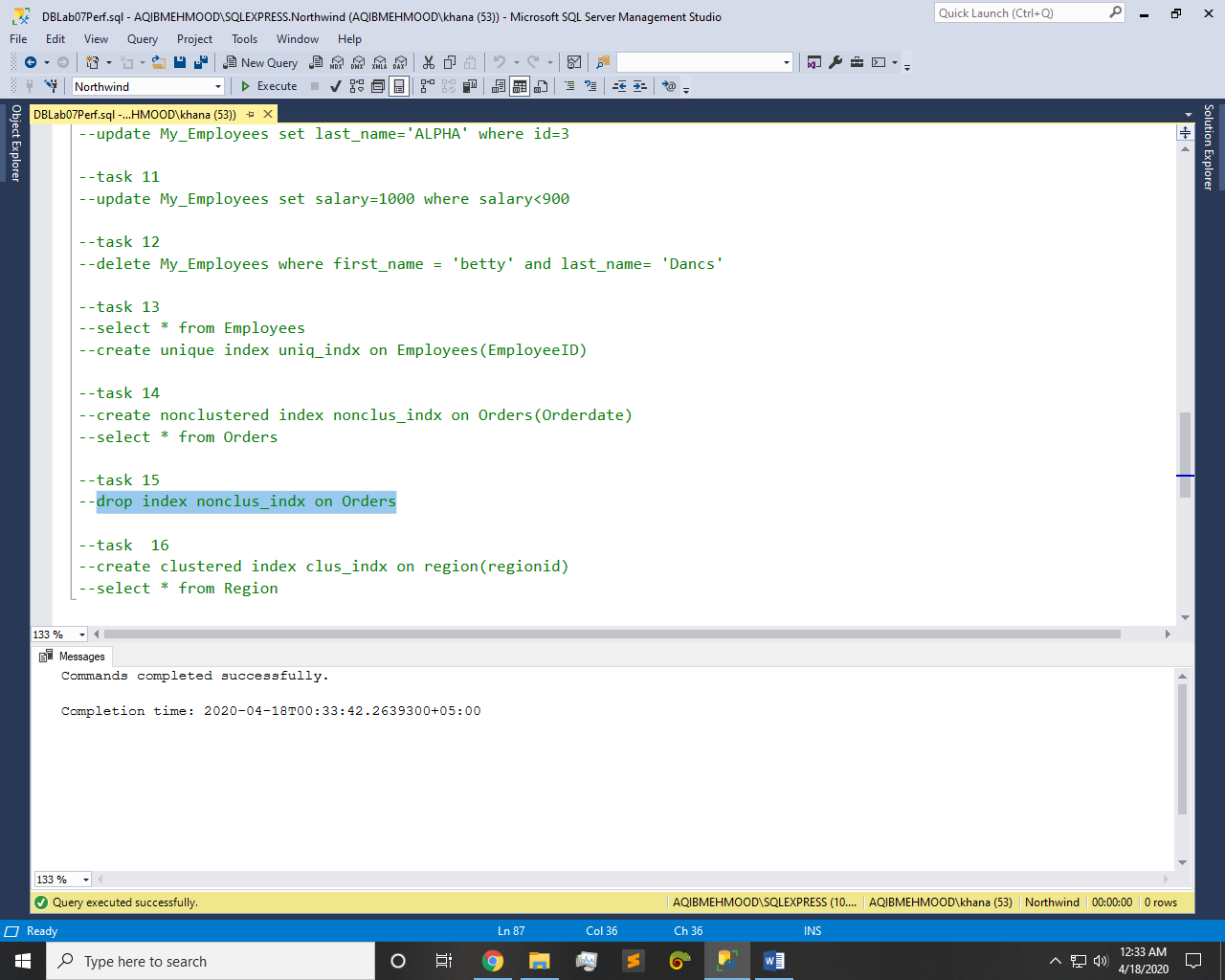
Q14: - Create a non-clustered index on the OrderDate column of the Orders table (Use Northwind)

Query:-

create nonclustered index nonclus\_indx on Orders(Orderdate)

select \* from Orders

Result:-

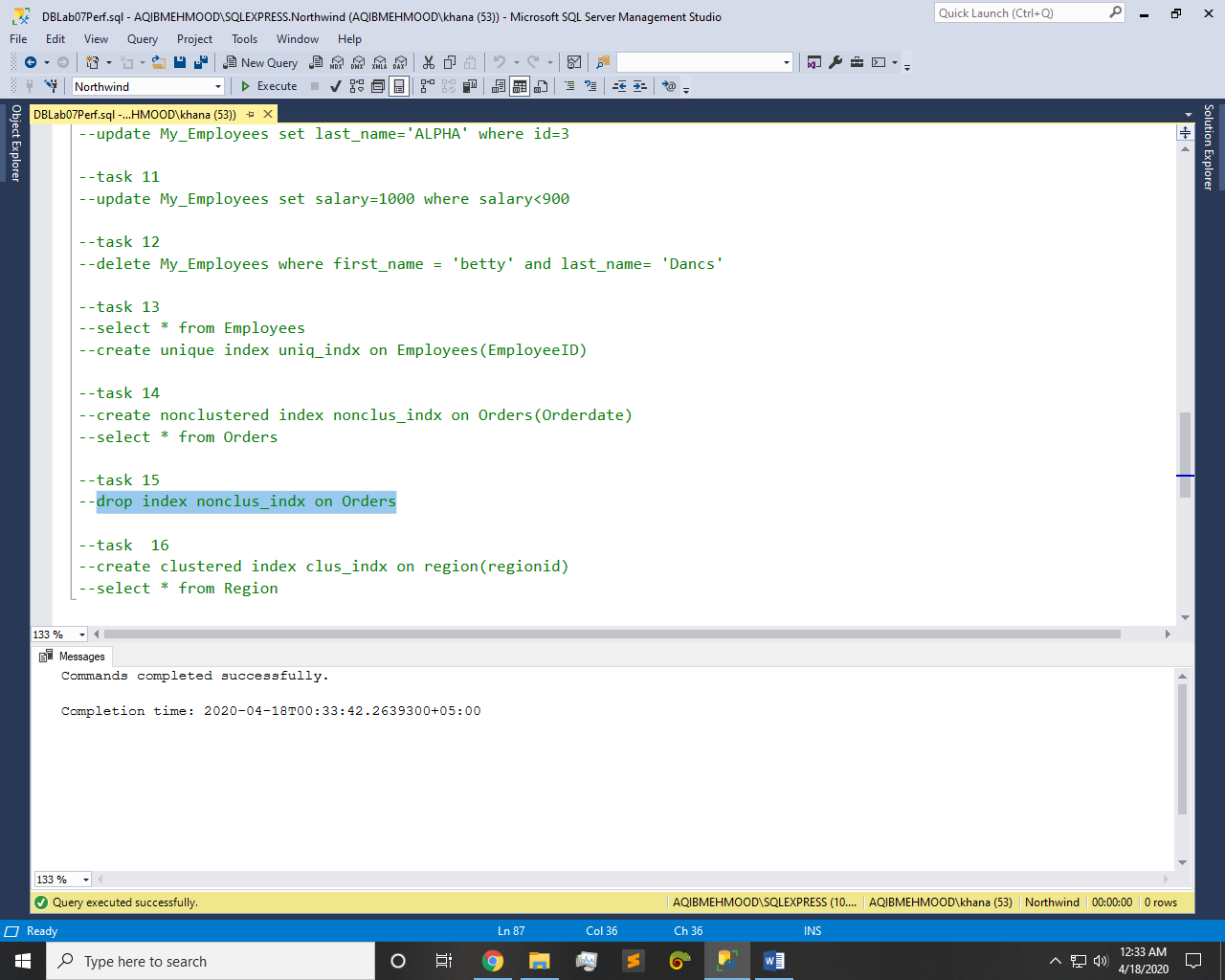


Q15: - Delete the index you created in Task # 14 (Use Northwind)

Query:-

drop index nonclus\_indx on Orders

Result:-



Q16: - Create a clustered index on the region table using regionid (Use Northwind)

Query:-

create clustered index clus\_indx on region(regionid)

select \* from Region

Result:-

