create table Customer(Custid int not null identity(1001,1), constraint pk\_custid primary key(Custid), Custname varchar(20), Age int, phone bigint)

create table Loan(Loanid int not null identity(101,1), constraint pk\_Loanid primary key(Loanid), Amount int, Custid int, constraint fk\_custid\_loan foreign key(Custid) references Customer(Custid), EMI int)

create table Account(Acno int not null identity(1,1), constraint pk\_Acno primary key(Acno), Custid int, constraint fk\_custid\_Account foreign key(Custid) references Customer(Custid), Balance int)

INSERT INTO Customer ( custname, age, phone) VALUES

( 'John', 30, 123-456-7890),

( 'Jane', 25, 987-654-3210),

( 'Janes', 25, 987-6505-710),

( 'smith', 40, 555-555-5555);

INSERT INTO Loan ( amount, custid, emi) VALUES

(286760,1004,50000),

( 100000, 1001, 500),

( 5000, 1002, 250),

( 15000, 1003, 750);

INSERT INTO Account (custid, balance) VALUES

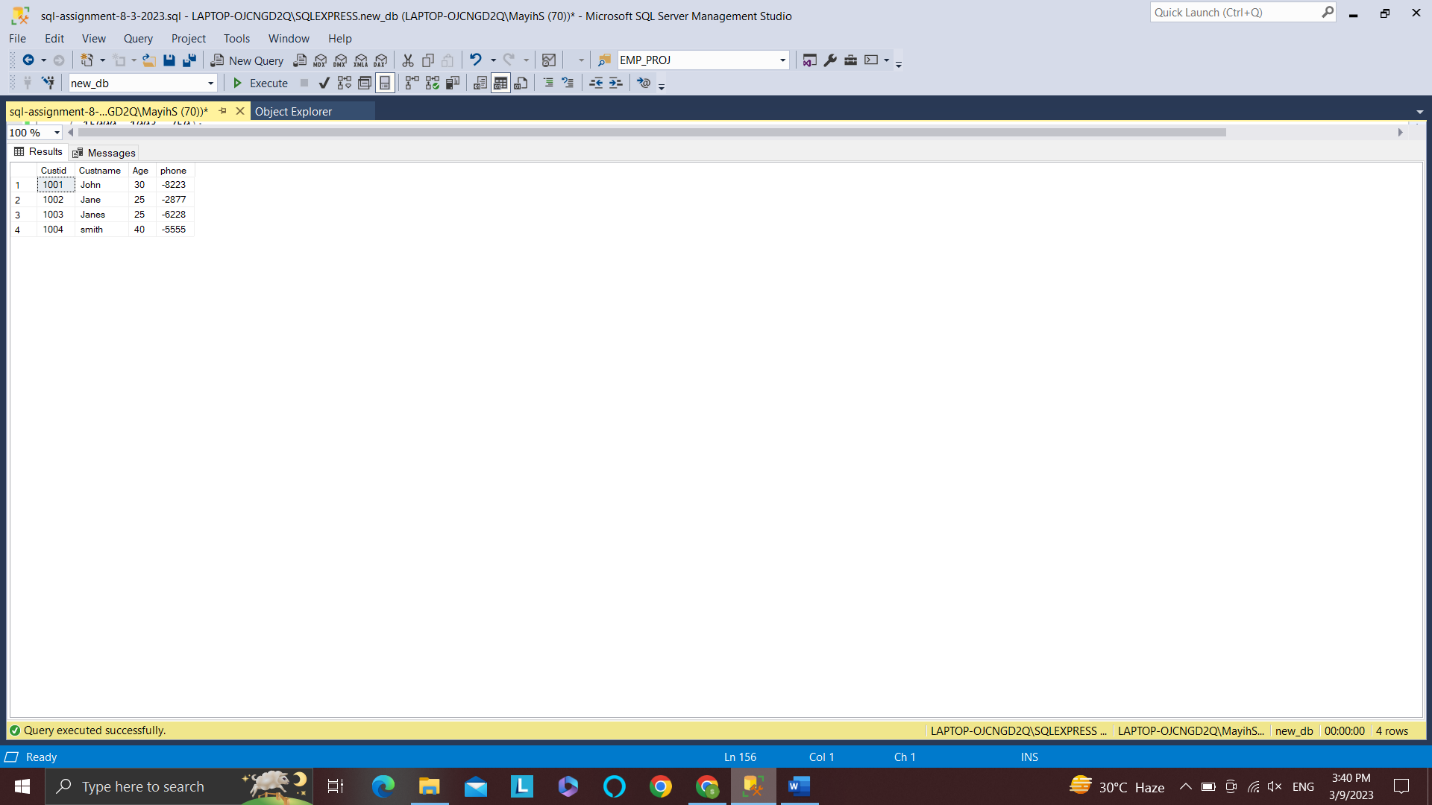
(1001, 10000),

(1002, 5000),

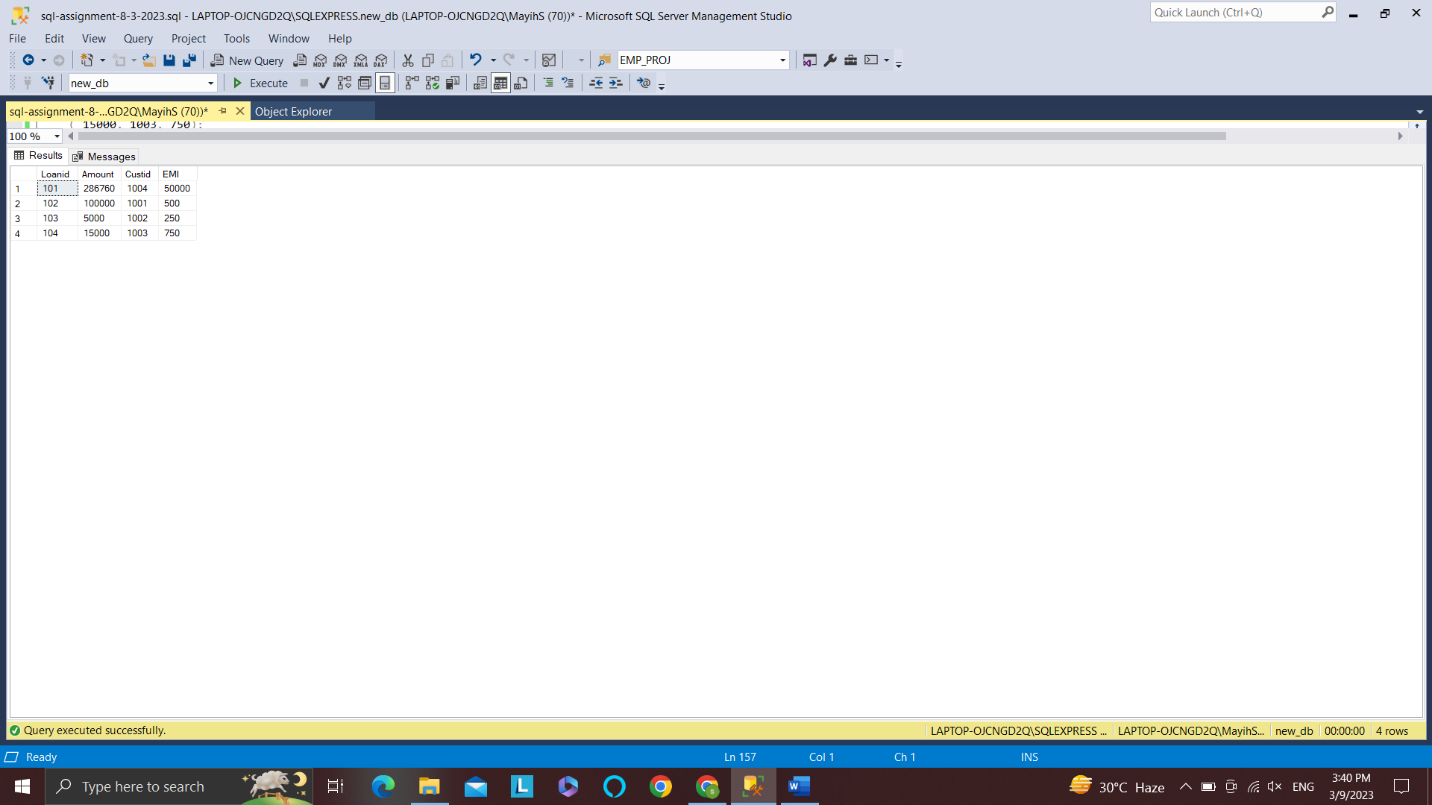
(1003, 5000),

(1004, 20000);

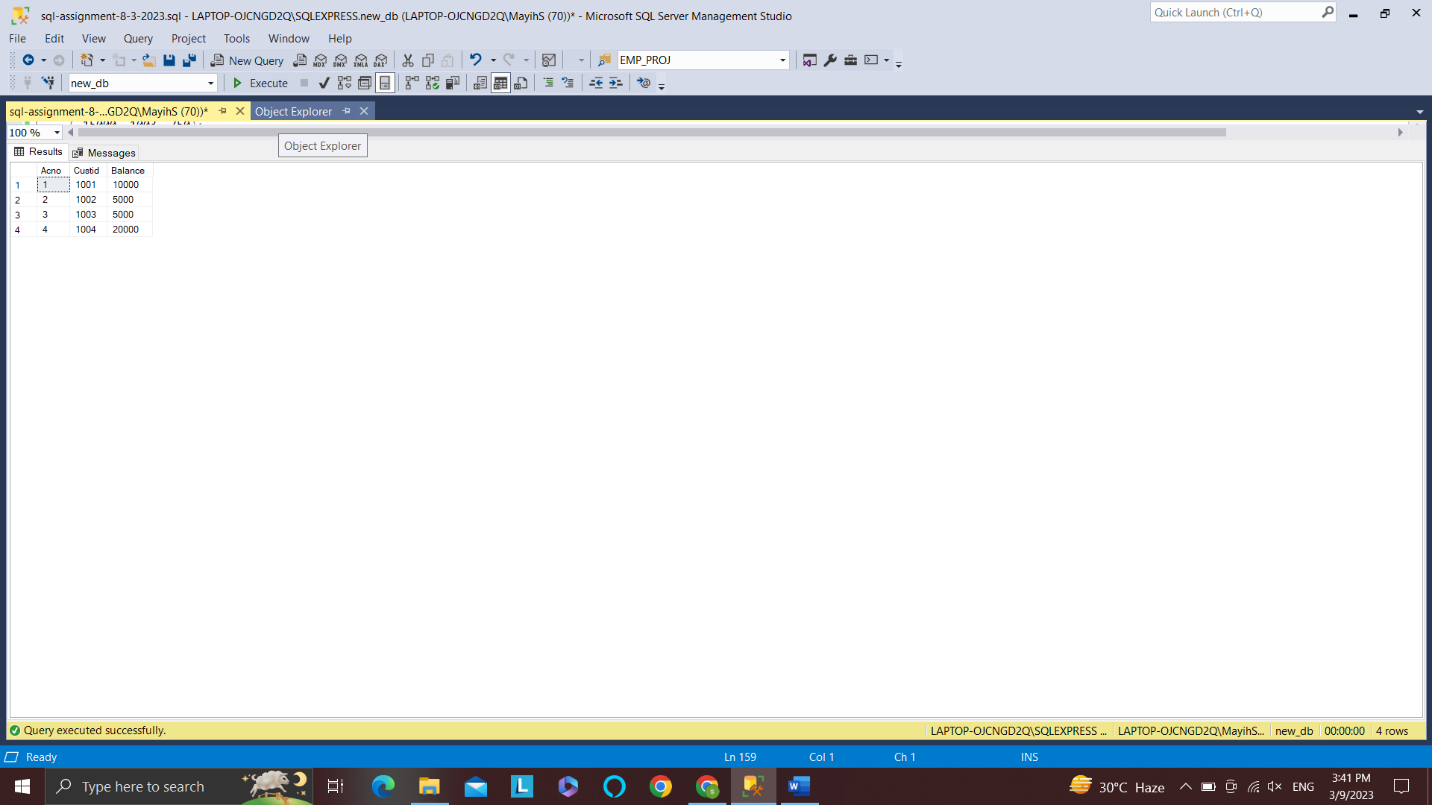
select \* from Customer



select \* from Loan

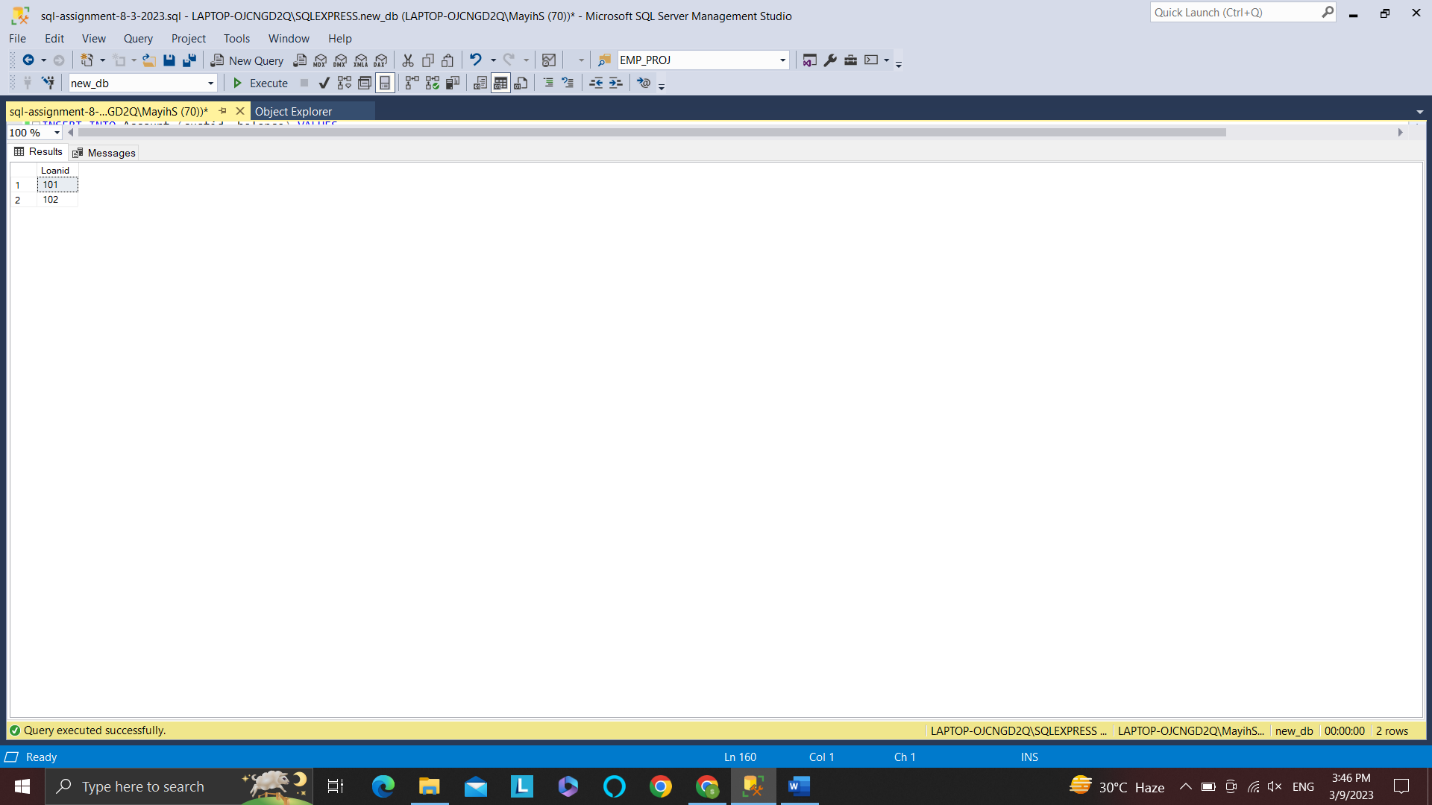


select \* from Account



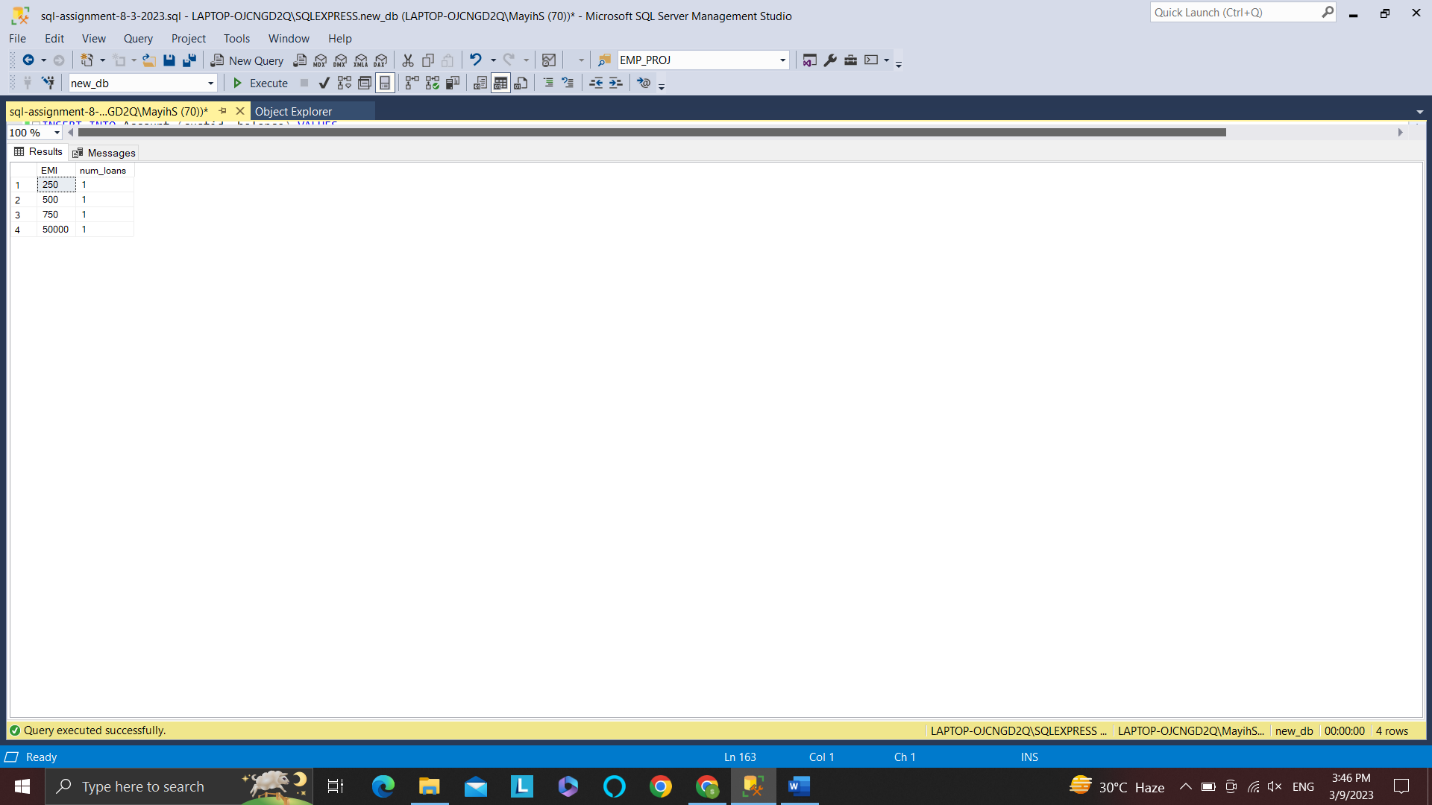
/\*a) List the Loanid of Loans with EMI more than Rs.50,000.\*/

select Loanid from Loan where Amount > 50000



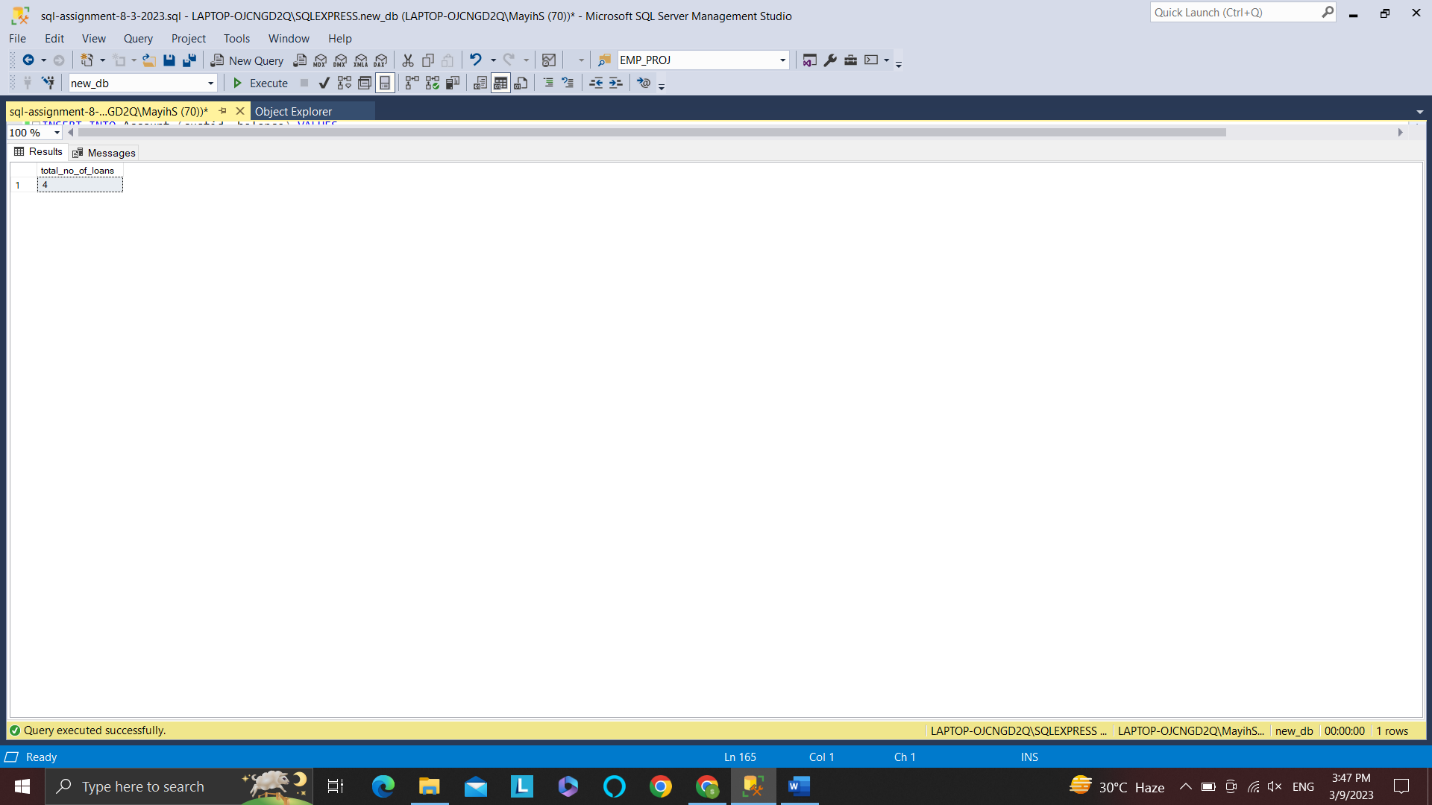
/\*b) List the EMI and number of loans with that loan amount.\*/

select EMI, count(\*) as num\_loans from loan group by EMI



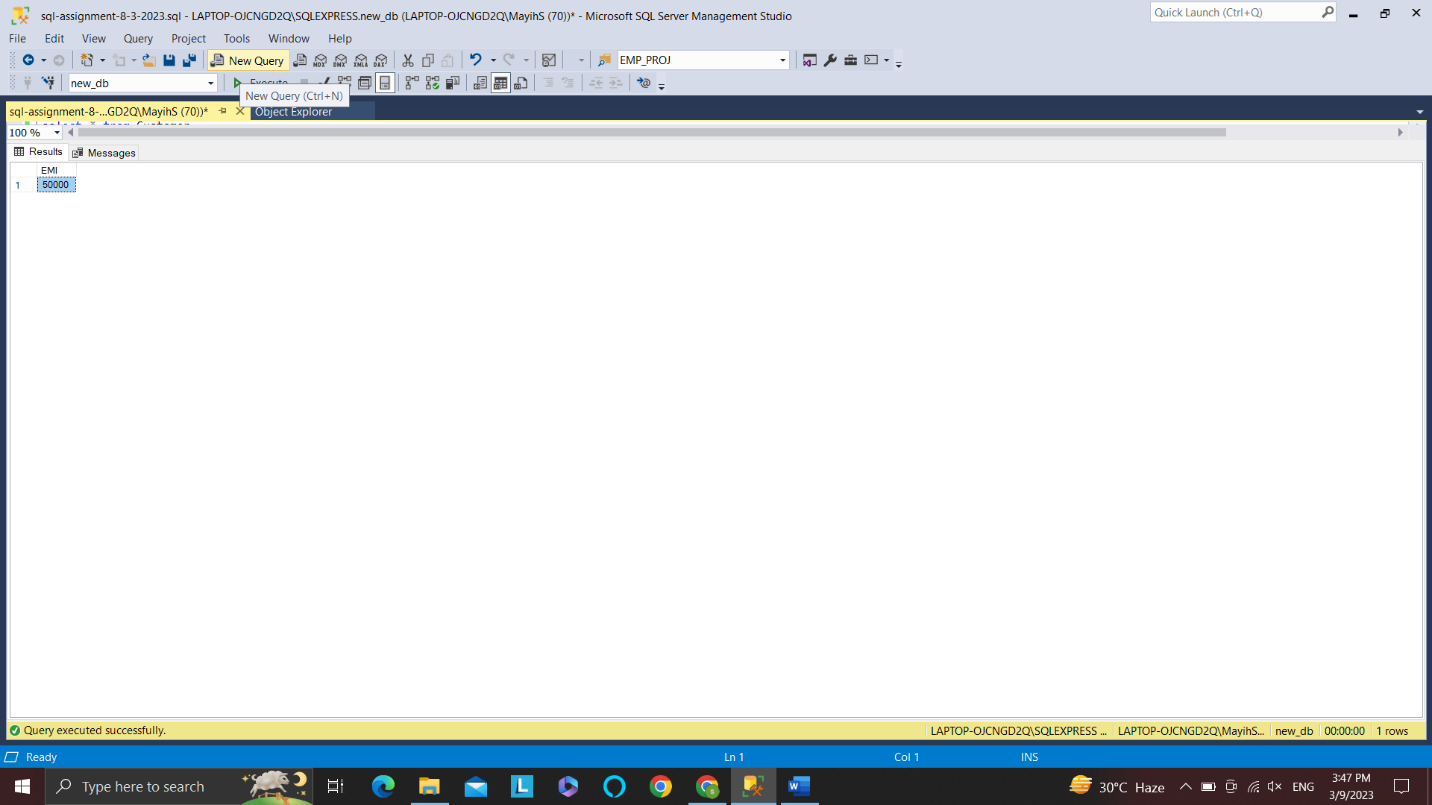
/\*c) Create a view to list the total number of loans availed.\*/

select count(\*) as total\_no\_of\_loans from loan



/\*d) Display the EMI amount of Customer "Smith".\*/

select EMI from Loan inner join Customer on Loan.Custid = Customer.Custid where Custname = 'smith'



/\*e) Create a procedure to print the Amount and Custid of Loanid 1001.\*/

create proc print\_A\_C\_L

as

begin

declare @a int, @c int;

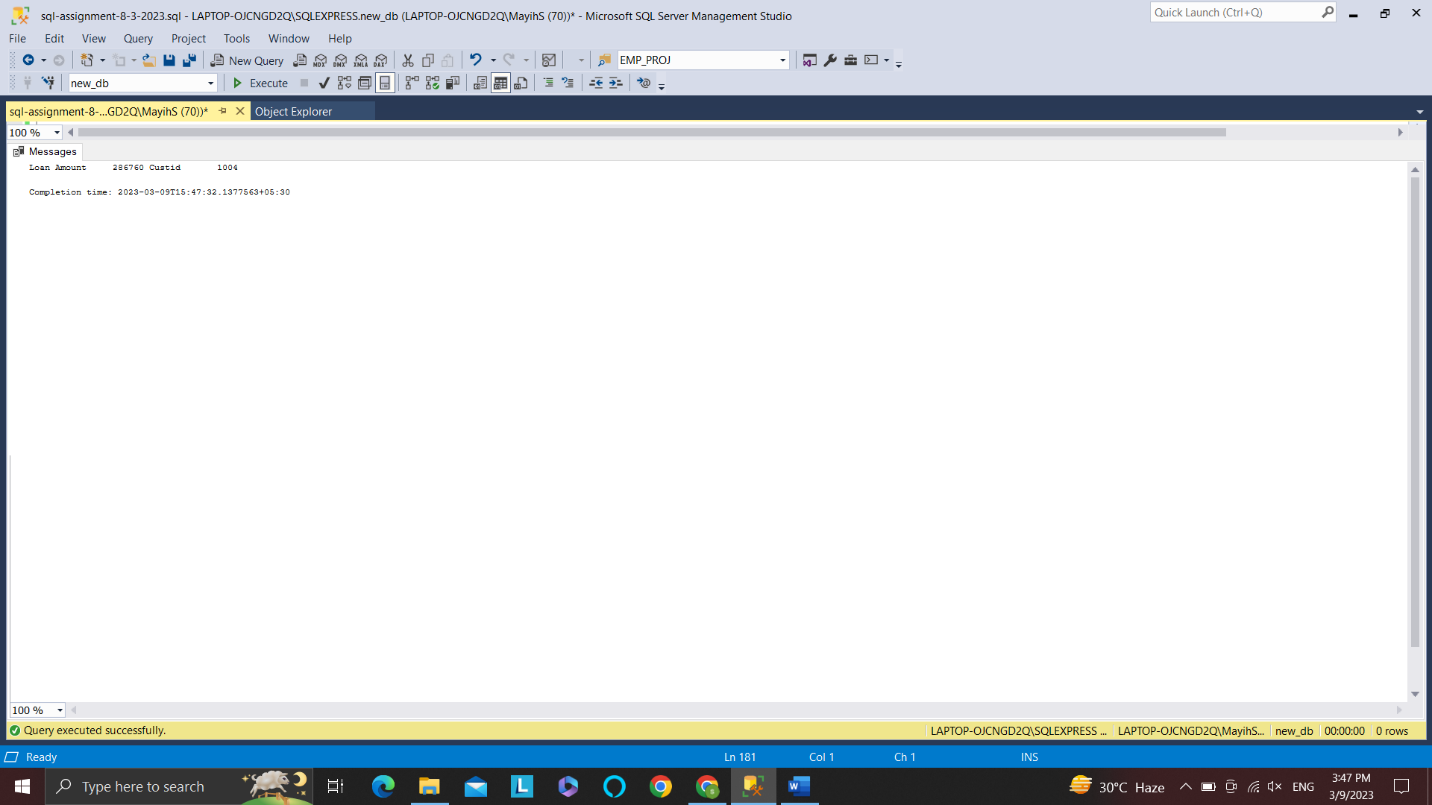
set @a = (select Amount from Loan where Loanid = 101)

set @c = (select Custid from Loan where Loanid = 101)

print 'Loan Amount ' + str(@a) + ' '+'Custid '+ str(@c)

end

exec print\_A\_C\_L



/\*f) Create a function to display the loan amount of customer with customerid 100.\*/

create function get\_loan\_amount (@custid int)

returns int

as

begin

declare @loan\_amount int;

set @loan\_amount = (select Amount

from Loan

where Custid = @custid)

return @loan\_amount;

end

select dbo.get\_loan\_amount(1001) as get\_loan\_amt

