**DBMS LAB-3**

**Vinayak Prasad**

**Section 3D Batch D4**

create database bankdbms;

use bankdbms;

create table branch

(

branch\_name varchar(20),

branchcity varchar(20),

Assets int,

primary key(branch\_name)

);

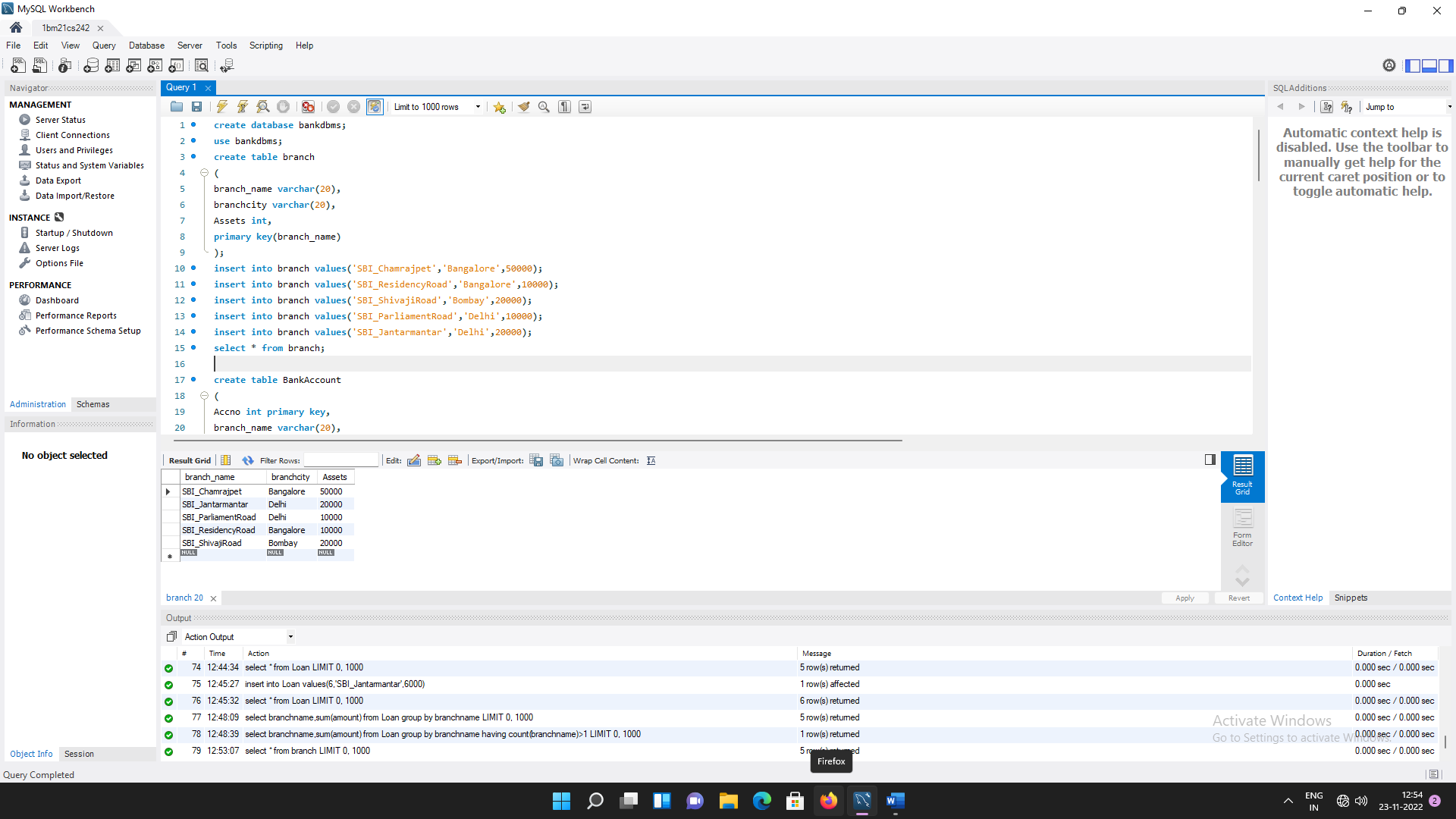
insert into branch values('SBI\_Chamrajpet','Bangalore',50000);

insert into branch values('SBI\_ResidencyRoad','Bangalore',10000);

insert into branch values('SBI\_ShivajiRoad','Bombay',20000);

insert into branch values('SBI\_ParliamentRoad','Delhi',10000);

insert into branch values('SBI\_Jantarmantar','Delhi',20000);

select \* from branch;

create table BankAccount

(

Accno int primary key,

branch\_name varchar(20),

Balance real,

foreign key(branch\_name) references branch(branch\_name)

);

insert into BankAccount values(1,'SBI\_Chamrajpet',2000);

insert into BankAccount values(2,'SBI\_ResidencyRoad',5000);

insert into BankAccount values(3,'SBI\_ShivajiRoad',6000);

insert into BankAccount values(4,'SBI\_ParliamentRoad',9000);

insert into BankAccount values(5,'SBI\_Jantarmantar',8000);

insert into BankAccount values(6,'SBI\_ShivajiRoad',4000);

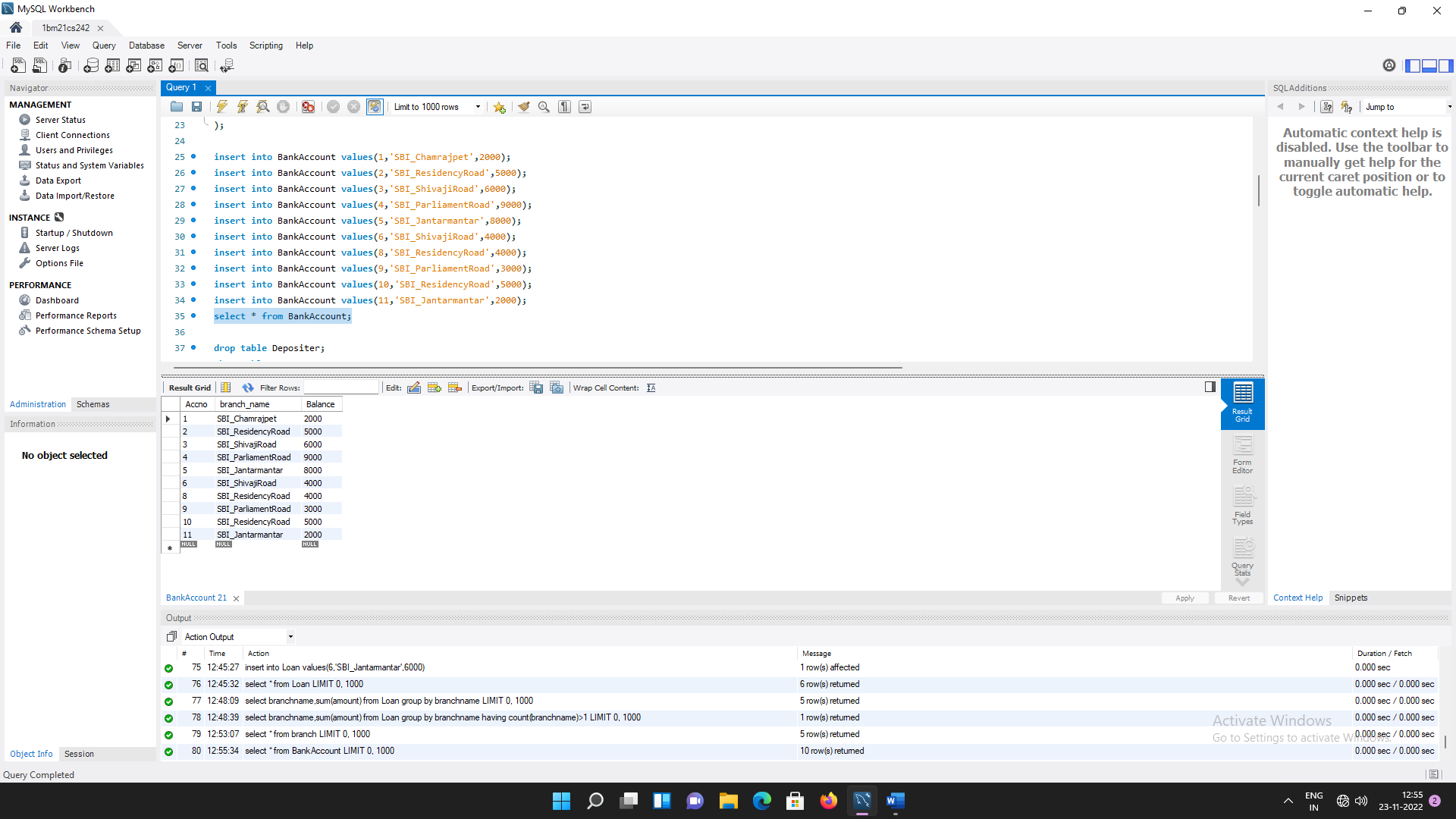
insert into BankAccount values(8,'SBI\_ResidencyRoad',4000);

insert into BankAccount values(9,'SBI\_ParliamentRoad',3000);

insert into BankAccount values(10,'SBI\_ResidencyRoad',5000);

insert into BankAccount values(11,'SBI\_Jantarmantar',2000);

select \* from BankAccount;



create table Depositer

(

customername varchar(20),

Accno int,

foreign key(customername) references BankCustomer(customer\_name),

foreign key(Accno) references BankAccount(Accno)

);

insert into Depositer values('Avinash',1);

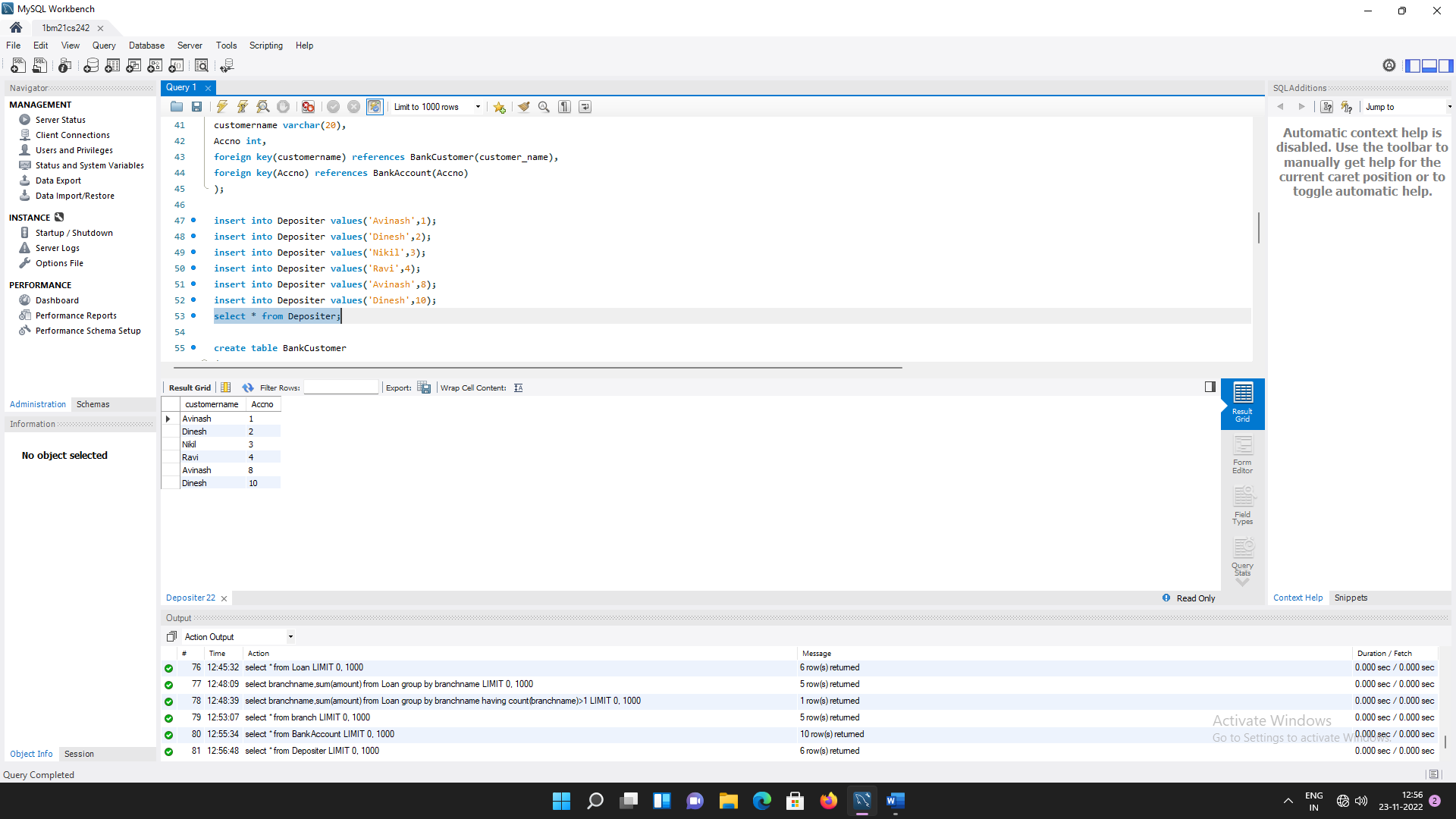
insert into Depositer values('Dinesh',2);

insert into Depositer values('Nikil',3);

insert into Depositer values('Ravi',4);

insert into Depositer values('Avinash',8);

insert into Depositer values('Dinesh',10);

select \* from Depositer;

create table BankCustomer

(

customer\_name varchar(20) primary key,

customer\_street varchar(50),

city varchar(20)

);

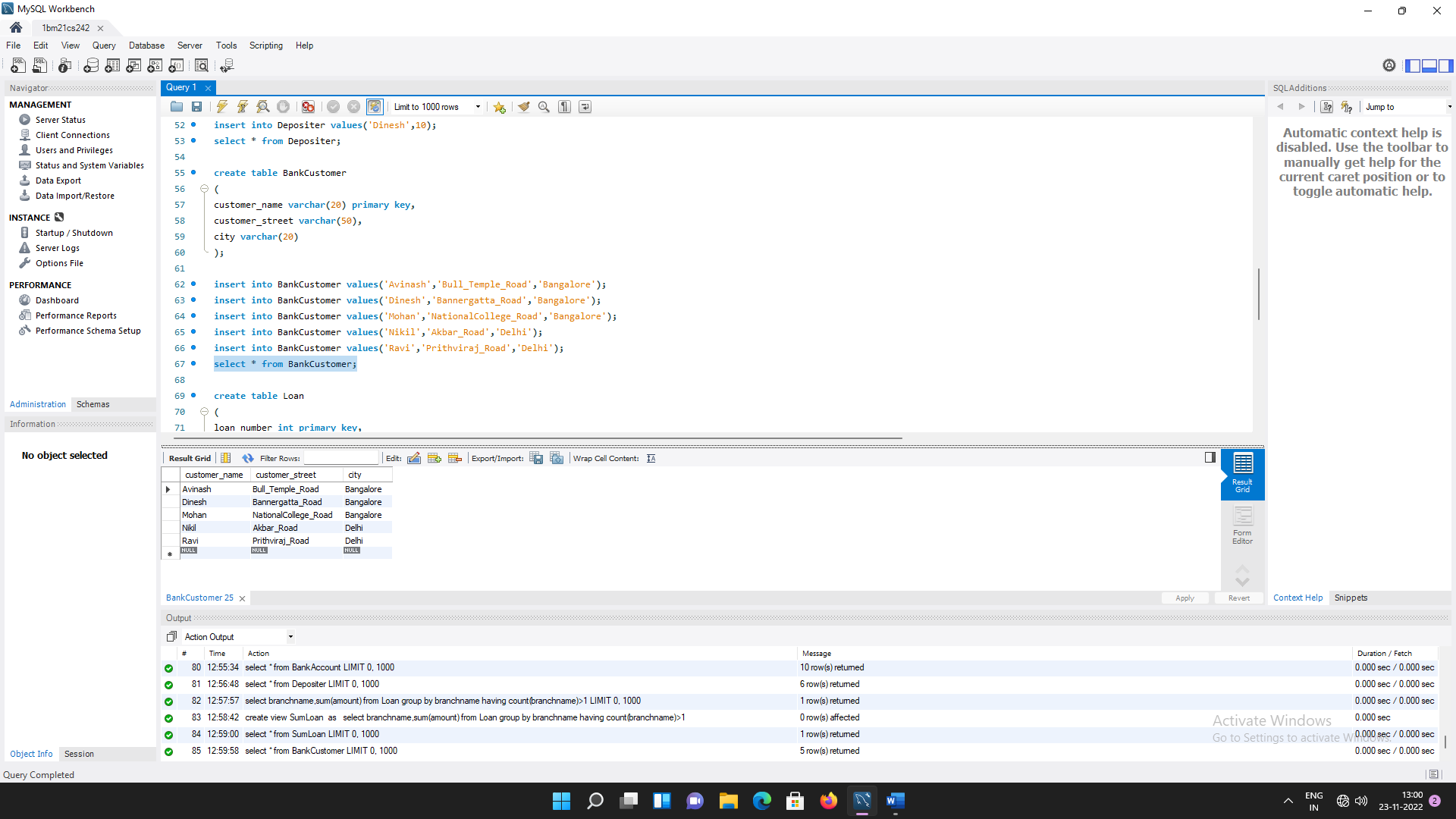
insert into BankCustomer values('Avinash','Bull\_Temple\_Road','Bangalore');

insert into BankCustomer values('Dinesh','Bannergatta\_Road','Bangalore');

insert into BankCustomer values('Mohan','NationalCollege\_Road','Bangalore');

insert into BankCustomer values('Nikil','Akbar\_Road','Delhi');

insert into BankCustomer values('Ravi','Prithviraj\_Road','Delhi');

select \* from BankCustomer;

create table Loan

(

loan\_number int primary key,

branchname varchar(20),

amount real,

foreign key(branchname) references branch(branch\_name)

);

insert into Loan values(1,'SBI\_Chamrajpet',1000);

insert into Loan values(2,'SBI\_ResidencyRoad',2000);

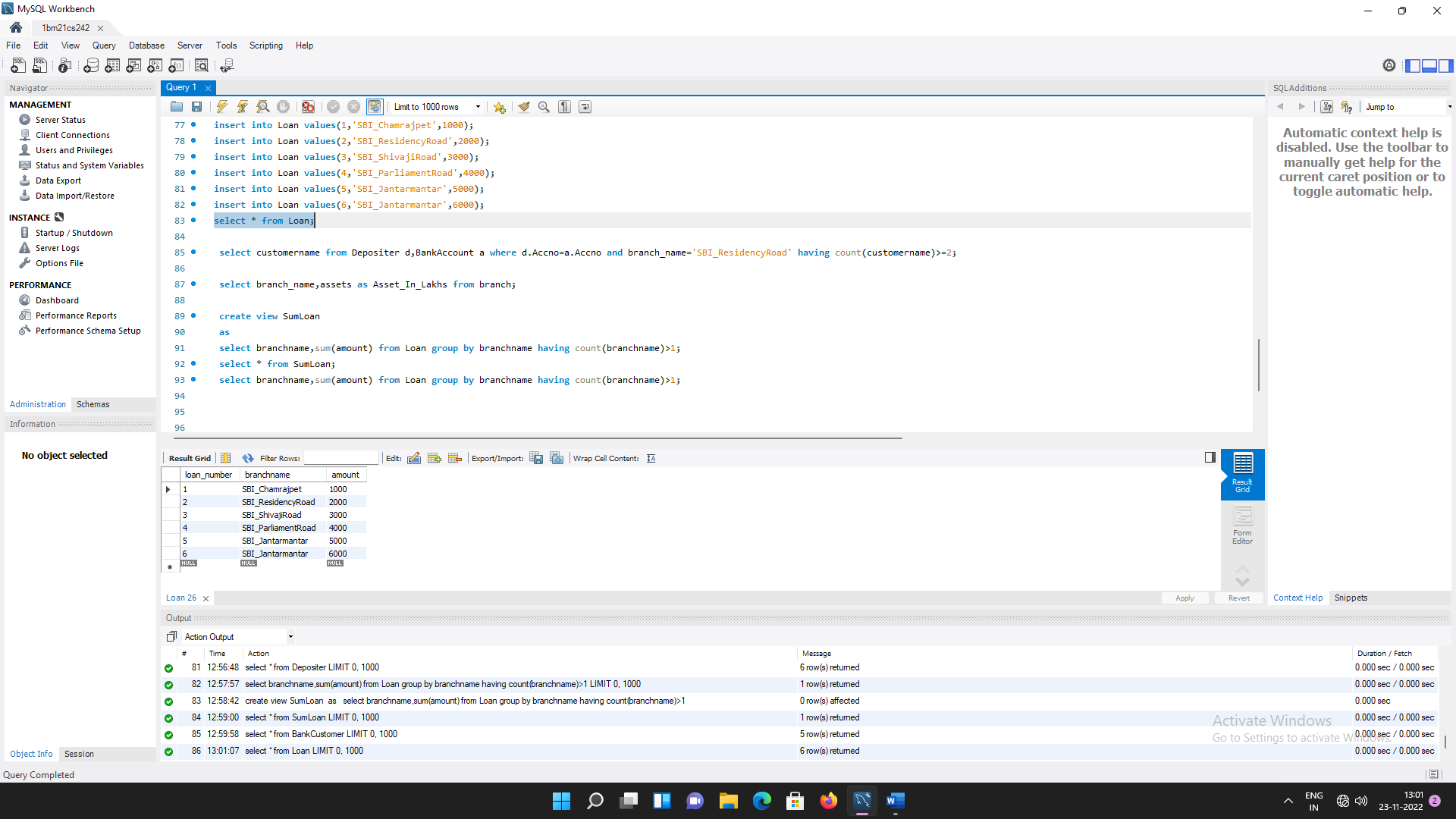
insert into Loan values(3,'SBI\_ShivajiRoad',3000);

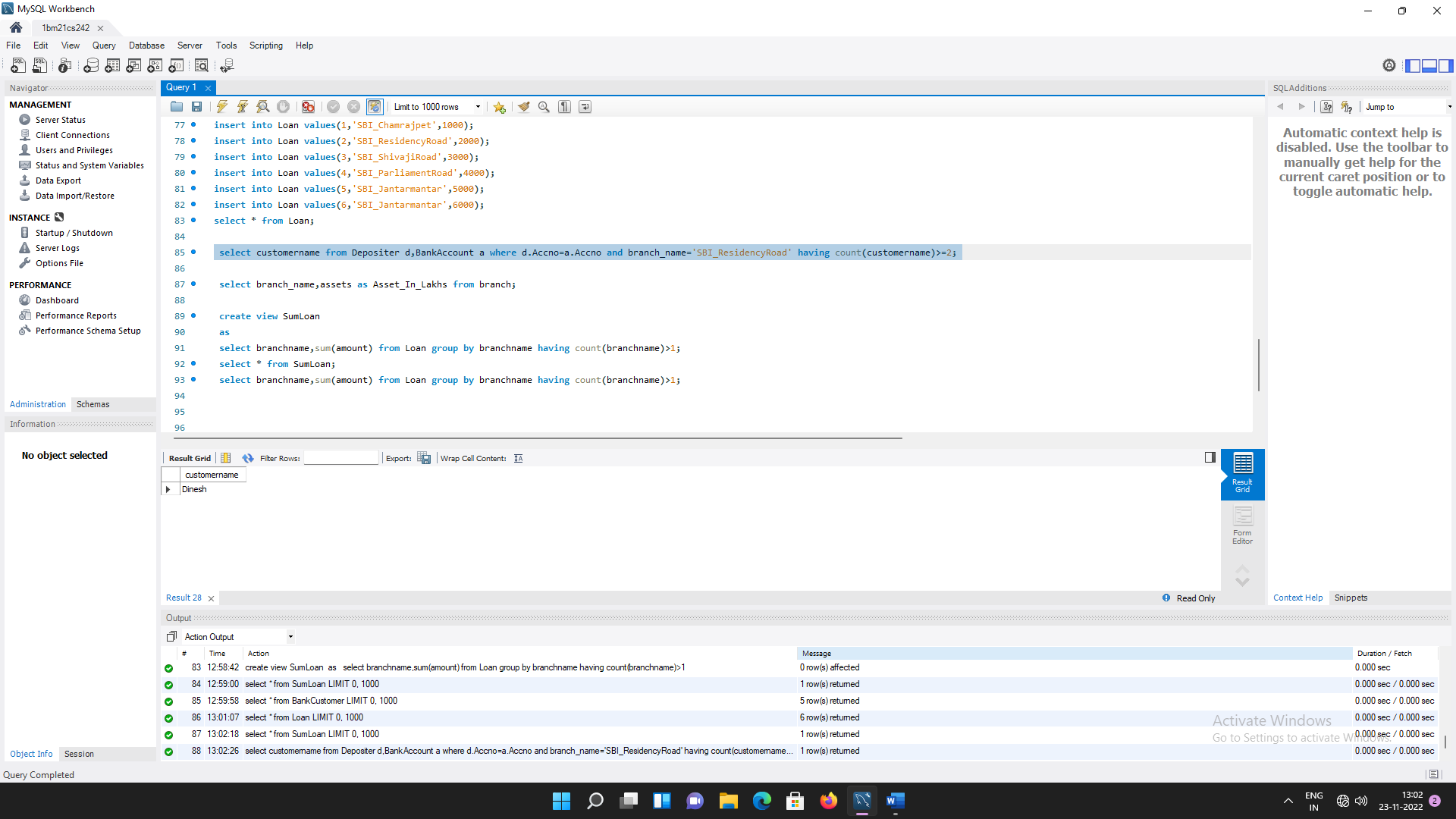
insert into Loan values(4,'SBI\_ParliamentRoad',4000);

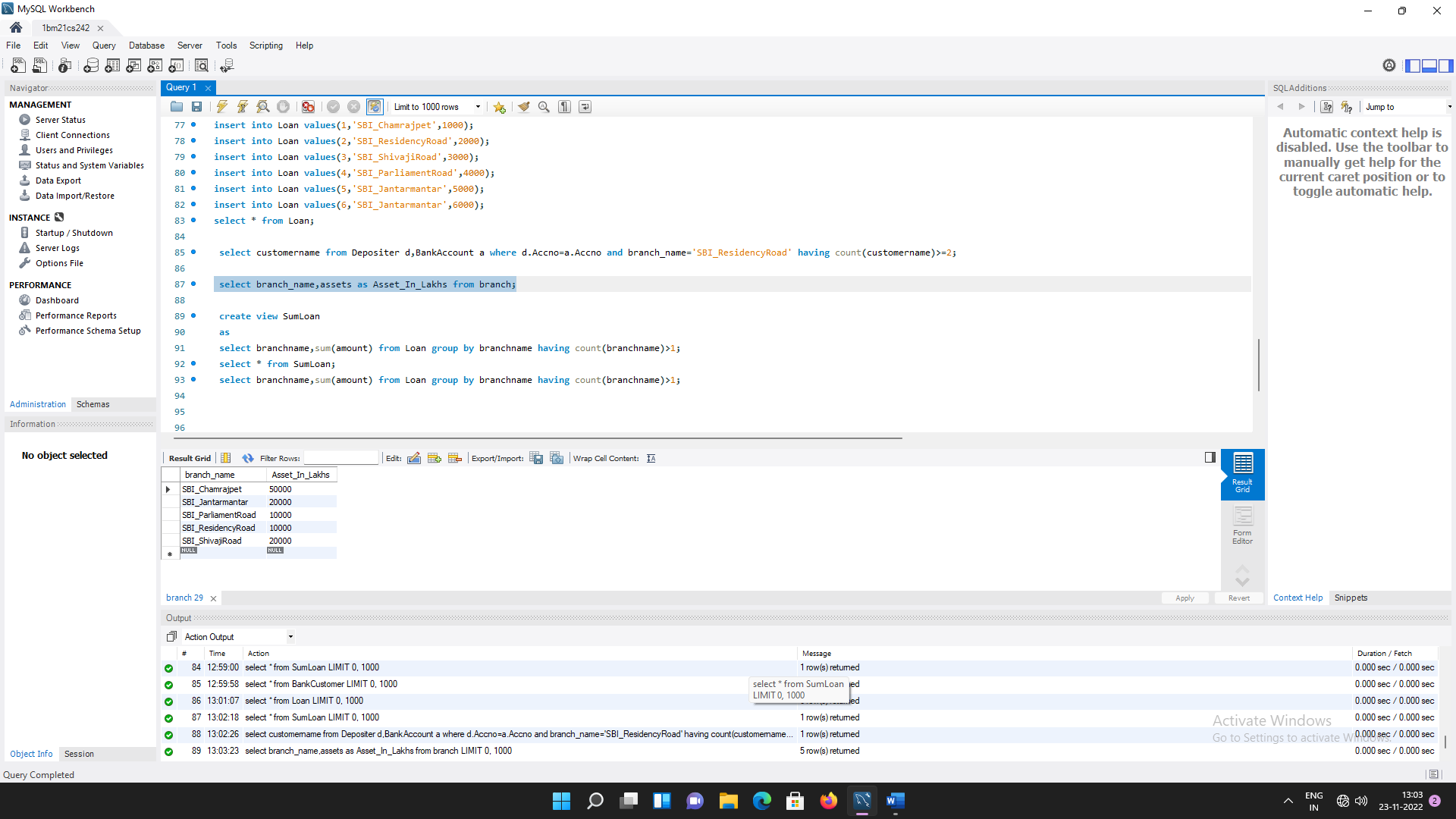
insert into Loan values(5,'SBI\_Jantarmantar',5000);

insert into Loan values(6,'SBI\_Jantarmantar',6000);

select \* from Loan;



select customername from Depositer d,BankAccount a where d.Accno=a.Accno and branch\_name='SBI\_ResidencyRoad' having count(customername)>=2;

select branch\_name,assets as Asset\_In\_Lakhs from branch;

create view LoanBranch

as

select branchname,sum(amount) from Loan group by branchname;

select \* from LoanBranch;

