**INNER JOIN**

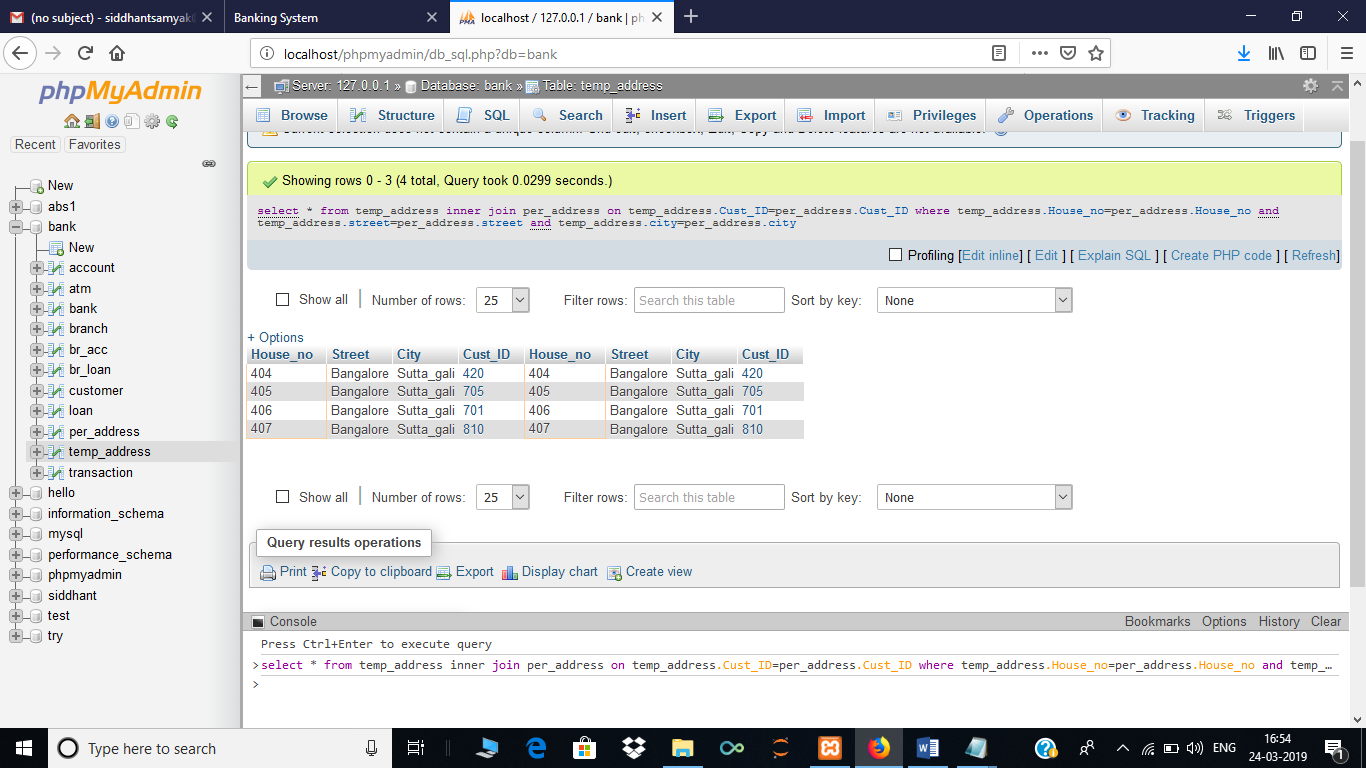
select \*

from temp\_address inner join per\_address

on temp\_address.Cust\_ID=per\_address.Cust\_ID

where temp\_address.House\_no=per\_address.House\_no and temp\_address.street=per\_address.street

and temp\_address.city=per\_address.city ;



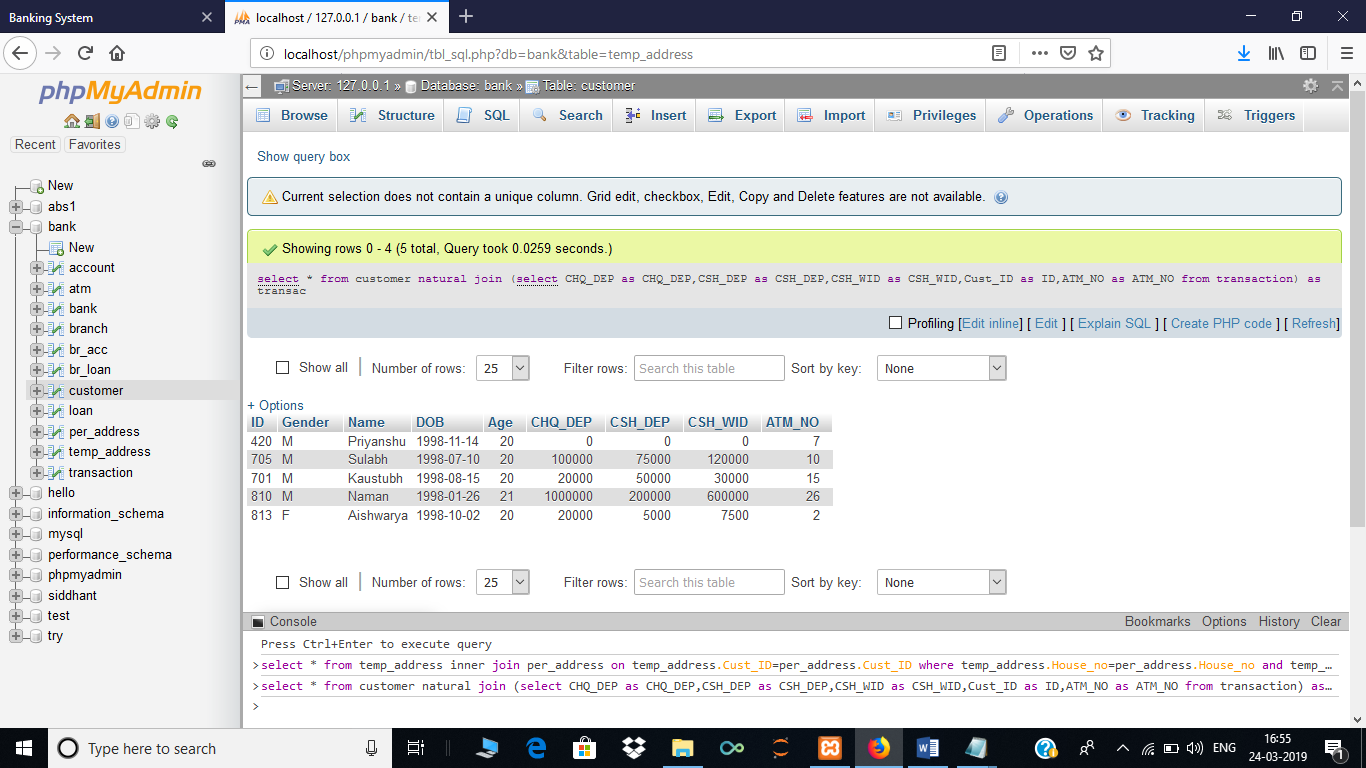
**NATURAL JOIN**

select \*

from customer natural join

(select CHQ\_DEP as CHQ\_DEP,CSH\_DEP as CSH\_DEP,CSH\_WID as CSH\_WID,Cust\_ID as ID,ATM\_NO as ATM\_NO from transaction)

as transac;



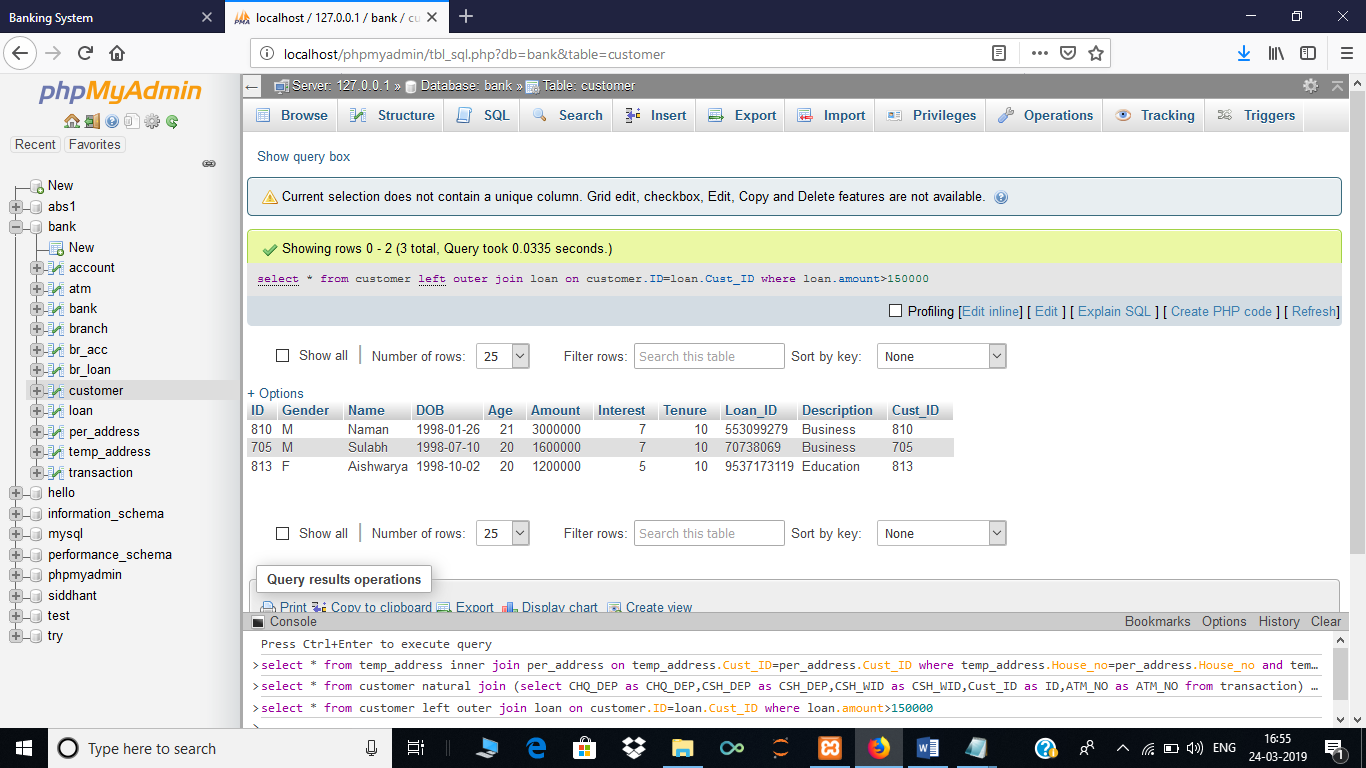
**LEFT JOIN**

select \*

from customer left outer join loan

on customer.ID=loan.Cust\_ID

where loan.amount>150000;

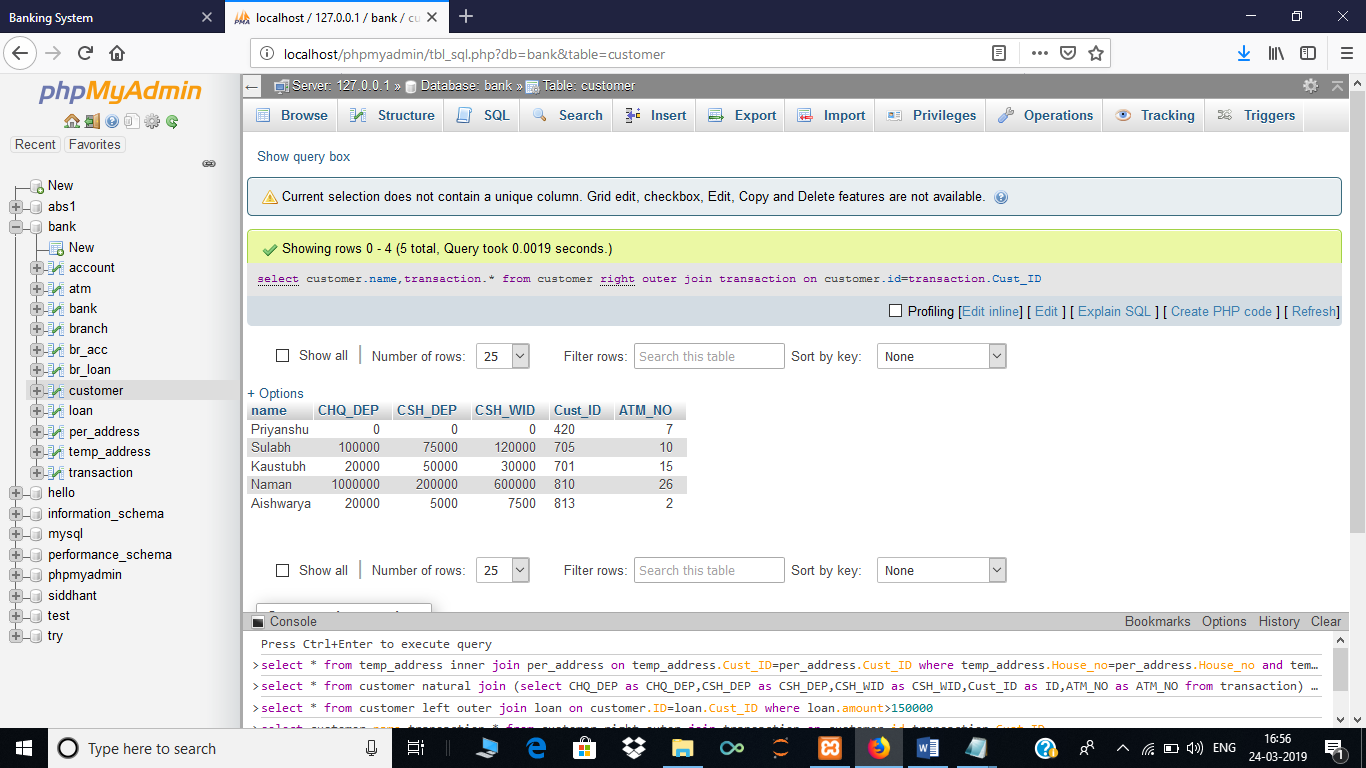


**RIGHT JOIN**

select customer.name,transaction.\*

from customer right outer join transaction

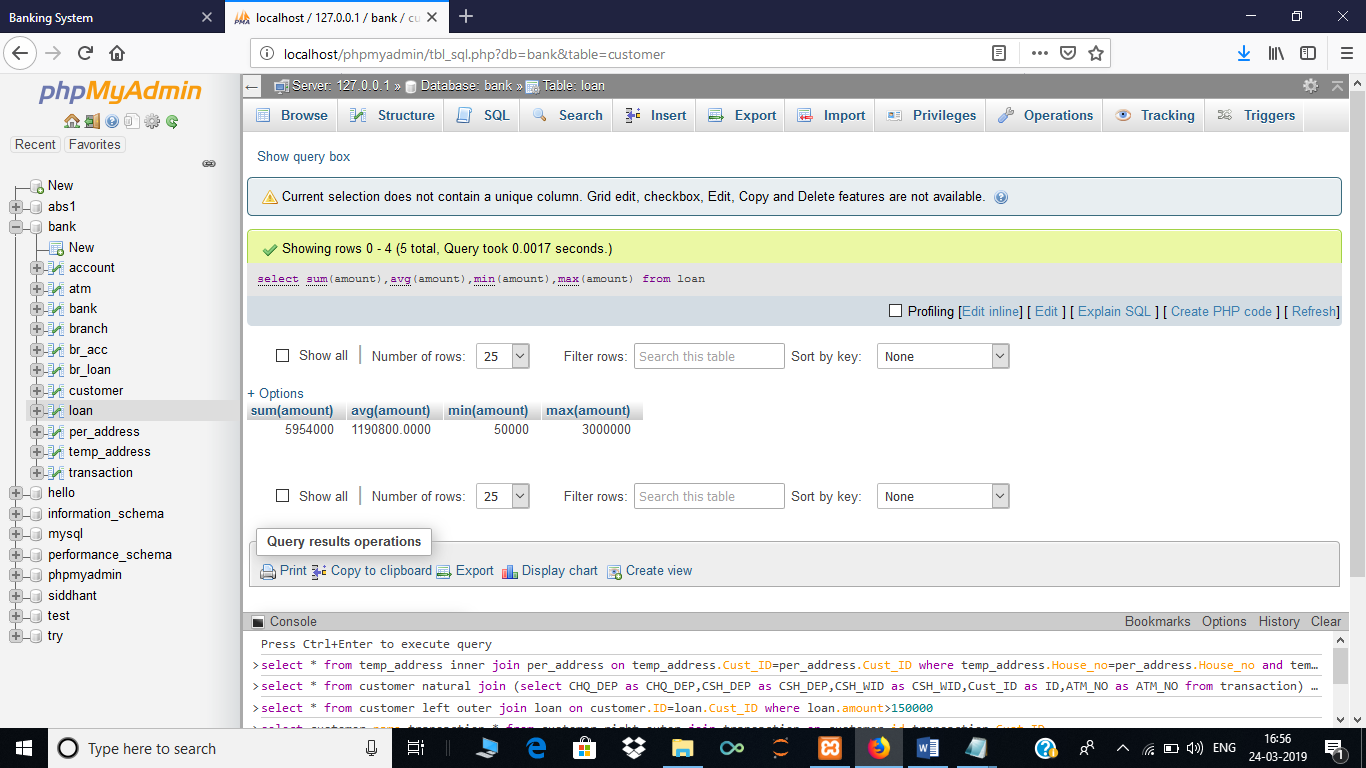
on customer.id=transaction.Cust\_ID;



**AGGREGATE FUNCTIONS**

select sum(amount),avg(amount),min(amount),max(amount)

from loan;



**GROUP HAVING**

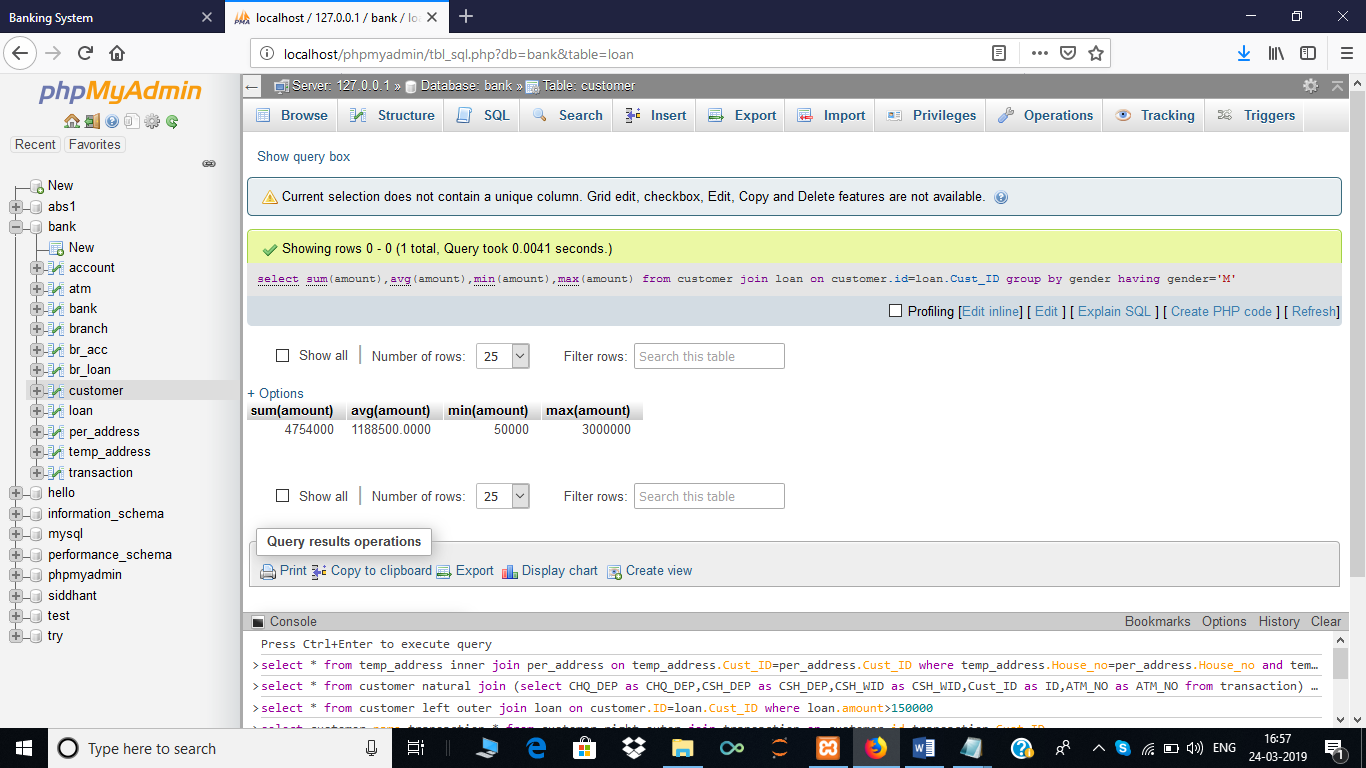
select sum(amount),avg(amount),min(amount),max(amount)

from customer join loan

on customer.id=loan.Cust\_ID

group by gender

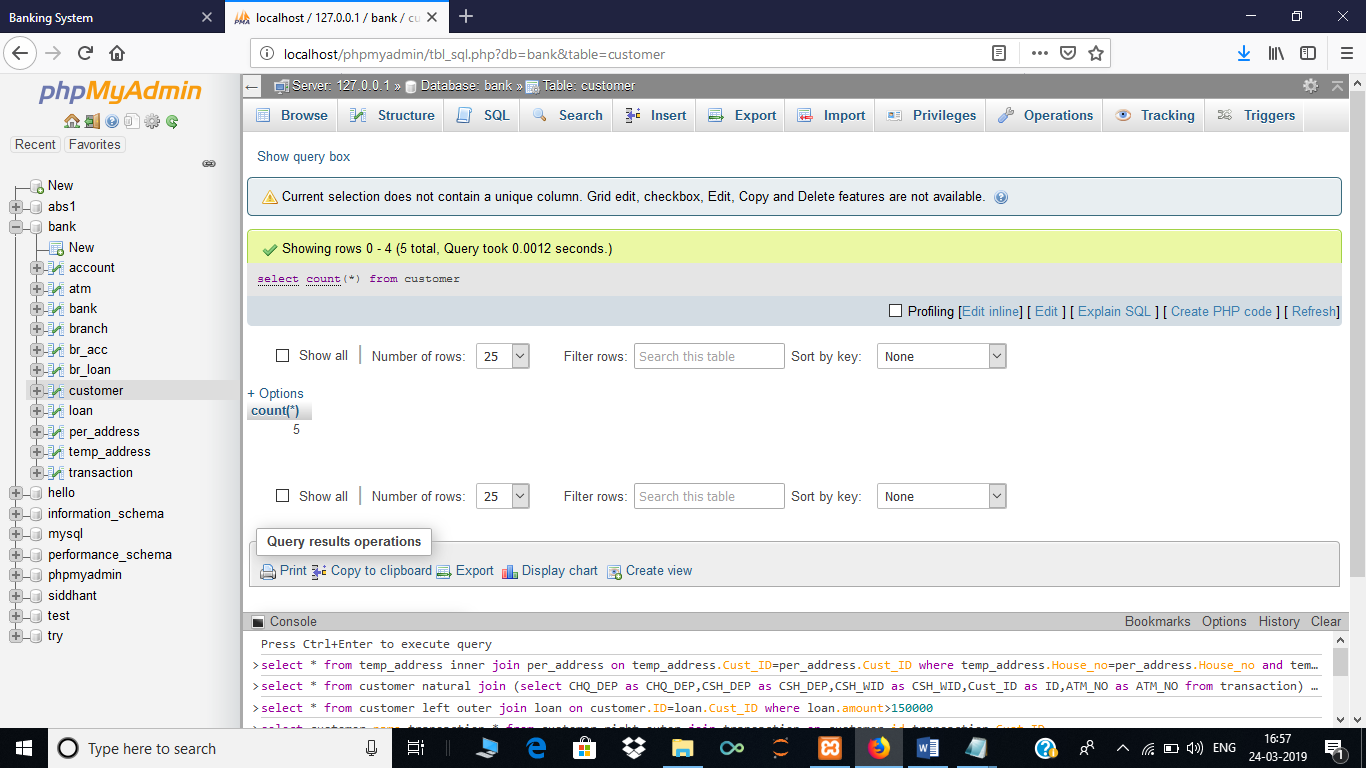
having gender='M';



**USE OF COUNT**

select count(\*)

from customer;



**EXISTS (EDUCATION LOAN)**

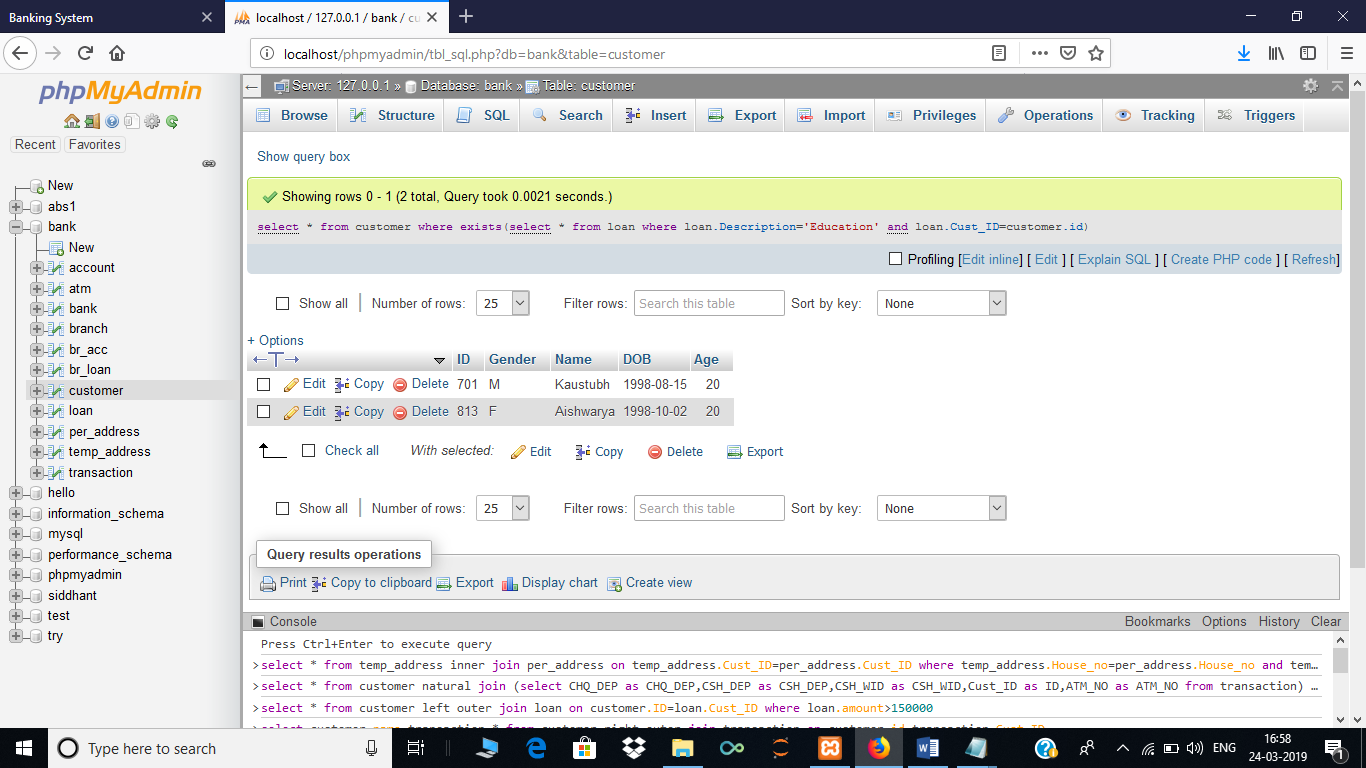
select \*

from customer

where exists(select \*

from loan

where loan.Description='Education' and loan.Cust\_ID=customer.id);

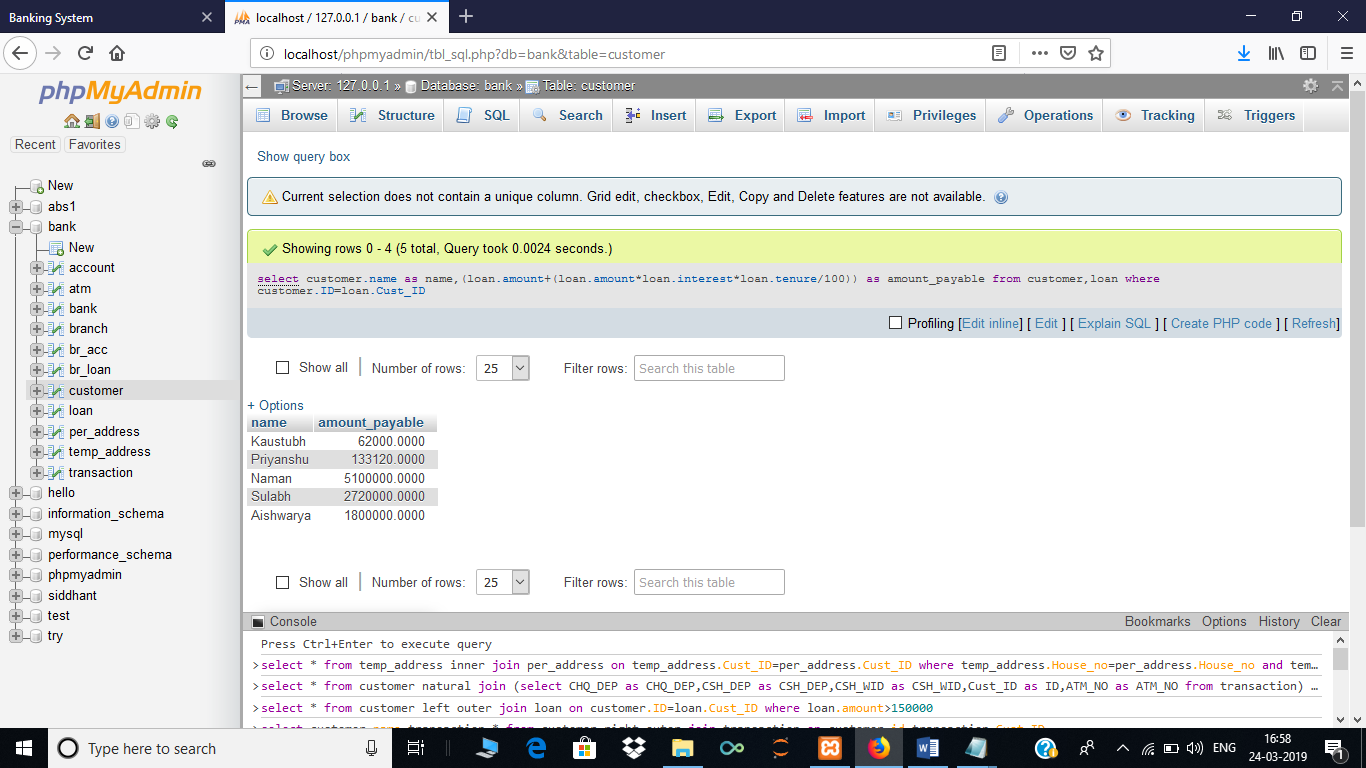


**LOAN PAYMENT**

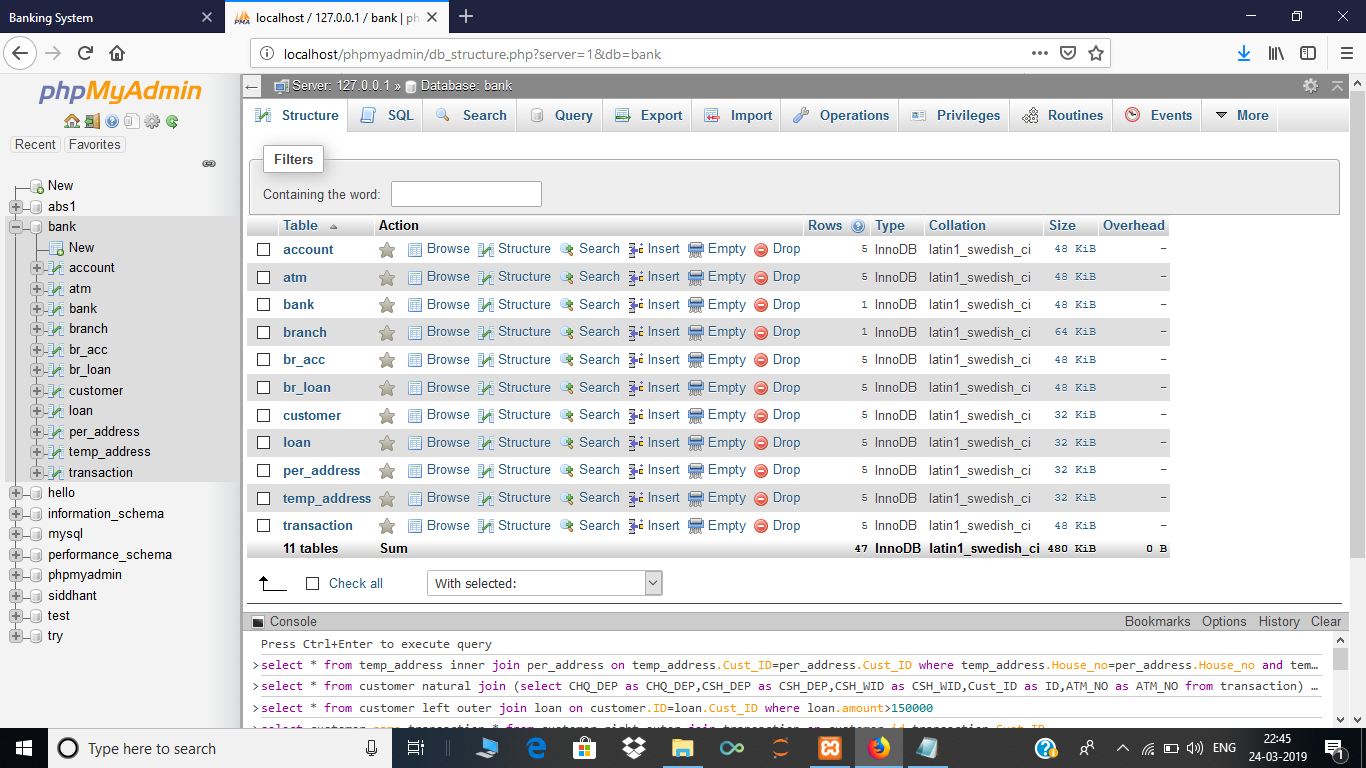
select customer.name as name,(loan.amount+(loan.amount\*loan.interest\*loan.tenure/100)) as amount\_payable

from customer,loan

where customer.ID=loan.Cust\_ID;



**TABLES**



**INSERT STATEMENTS**

insert into customer values(705,'M','Sulabh','1998-07-10',20);

insert into account values(30000,9608370700,'Savings',705);

insert into temp\_address values(405,'Bangalore','Sutta\_gali',705);

insert into per\_address values(405,'Bangalore','Sutta\_gali',705);

insert into br\_acc values('svs12345',9608370700);

insert into loan values(1600000,6.78,10,0070738069,'Business',705);

insert into br\_loan values(0070738069,'svs12345');

insert into atm values (10,10000,705);

insert into transaction values (100000,75000,120000,705,10);

insert into customer values(701,'M','Kaustubh','1998-08-15',20);

insert into account values(25000.34,9971121532,'Savings',701);

insert into temp\_address values(406,'Bangalore','Sutta\_gali',701);

insert into per\_address values(406,'Bangalore','Sutta\_gali',701);

insert into br\_acc values('svs12345',9971121532);

insert into loan values(50000,5.50,4,2351211799,'Education',701);

insert into br\_loan values(2351211799,'svs12345');

insert into atm values (15,10000,701);

insert into transaction values (20000,50000,30000,701,15);

insert into customer values(810,'M','Naman','1998-01-26',21);

insert into account values(50000,9729903550,'Savings',810);

insert into temp\_address values(407,'Bangalore','Sutta\_gali',810);

insert into per\_address values(407,'Bangalore','Sutta\_gali',810);

insert into br\_acc values('svs12345',9729903550);

insert into loan values(3000000,6.78,10,0553099279,'Business',810);

insert into br\_loan values(0553099279,'svs12345');

insert into atm values (26,10000,810);

insert into transaction values (1000000,200000,600000,810,26);

insert into customer values(813,'F','Aishwarya','1998-10-02',20);

insert into account values(7000,9113717359,'Savings',813);

insert into temp\_address values(408,'Bangalore','Sutta\_gali',813);

insert into per\_address values(40,'Delhi','Sarojni\_Nagar',813);

insert into br\_acc values('svs12345',9113717359);

insert into loan values(1200000,5,10,9537173119,'Education',813);

insert into br\_loan values(9537173119,'svs12345');

insert into atm values (02,10000,813);

insert into transaction values (20000,5000,7500,813,02);

insert into customer values(420,'M','Priyanshu','1998-10-02',20);

insert into account values(20459.60,8235444823,'Savings',420);

insert into temp\_address values(404,'Bangalore','Sutta\_gali',420);

insert into per\_address values(404,'Bangalore','Sutta\_gali',420);

insert into br\_acc values('svs12345',8235444823);

insert into loan values(104000.40,6.78,4,3284445328,'House',420);

insert into br\_loan values(3284445328,'svs12345');

insert into atm values (7,10000,420);

insert into transaction values (0,0,0,420,7);

**USER INTERFACE**

