Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA , Batch - 31
DBMS Practical 7

Institute of Computer Technology

B.Tech Computer Science and Engineering

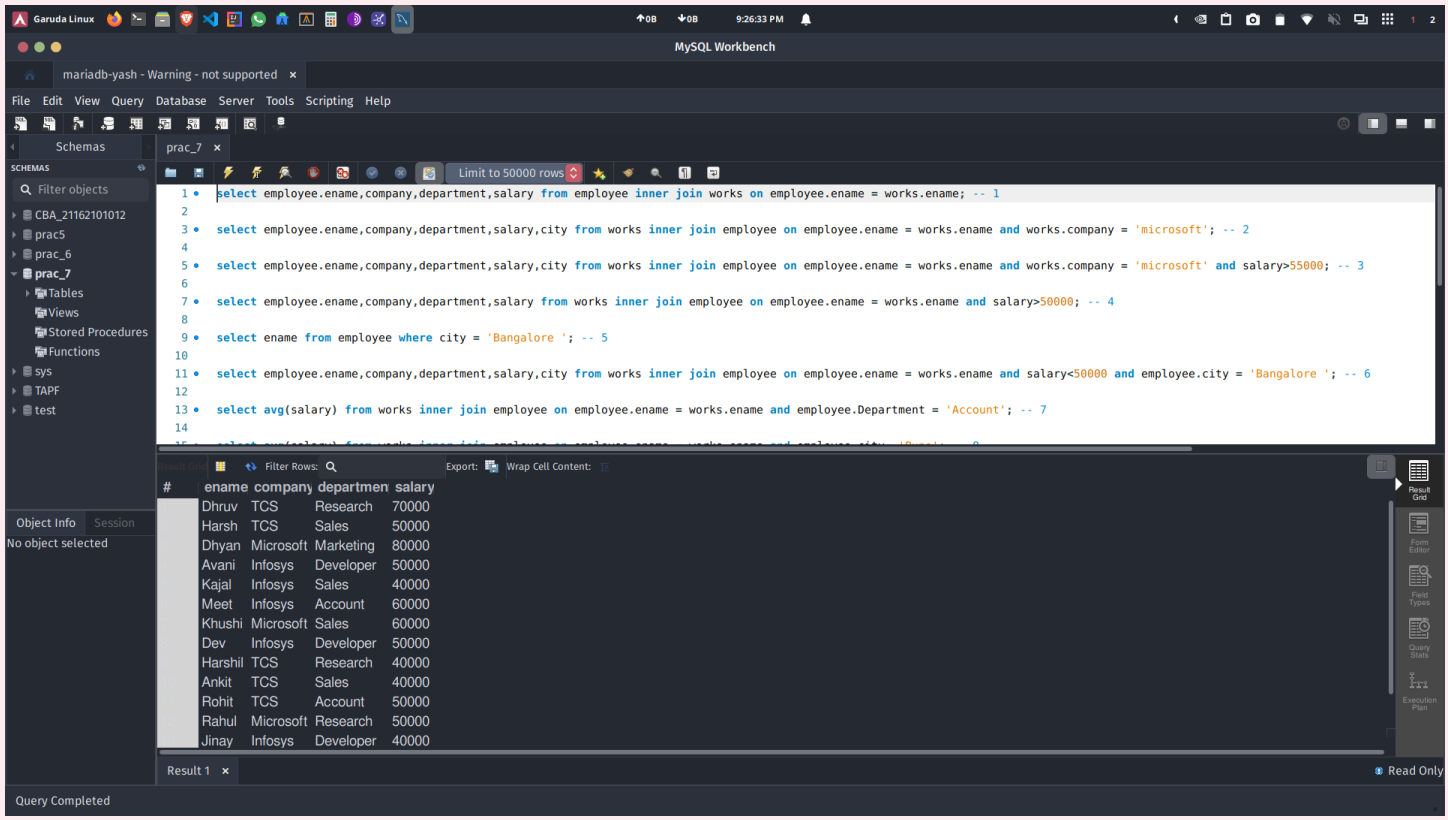
Sub: Database Management System (2CSE301)

Practical-07 : Performe Join Query.

Exercise: (With queries and respective outputs)

1. Display ename, company, department, salary of all Employee.

```
select employee.ename,company,department,salary from
employee inner join works on employee.ename = works.ename;
```



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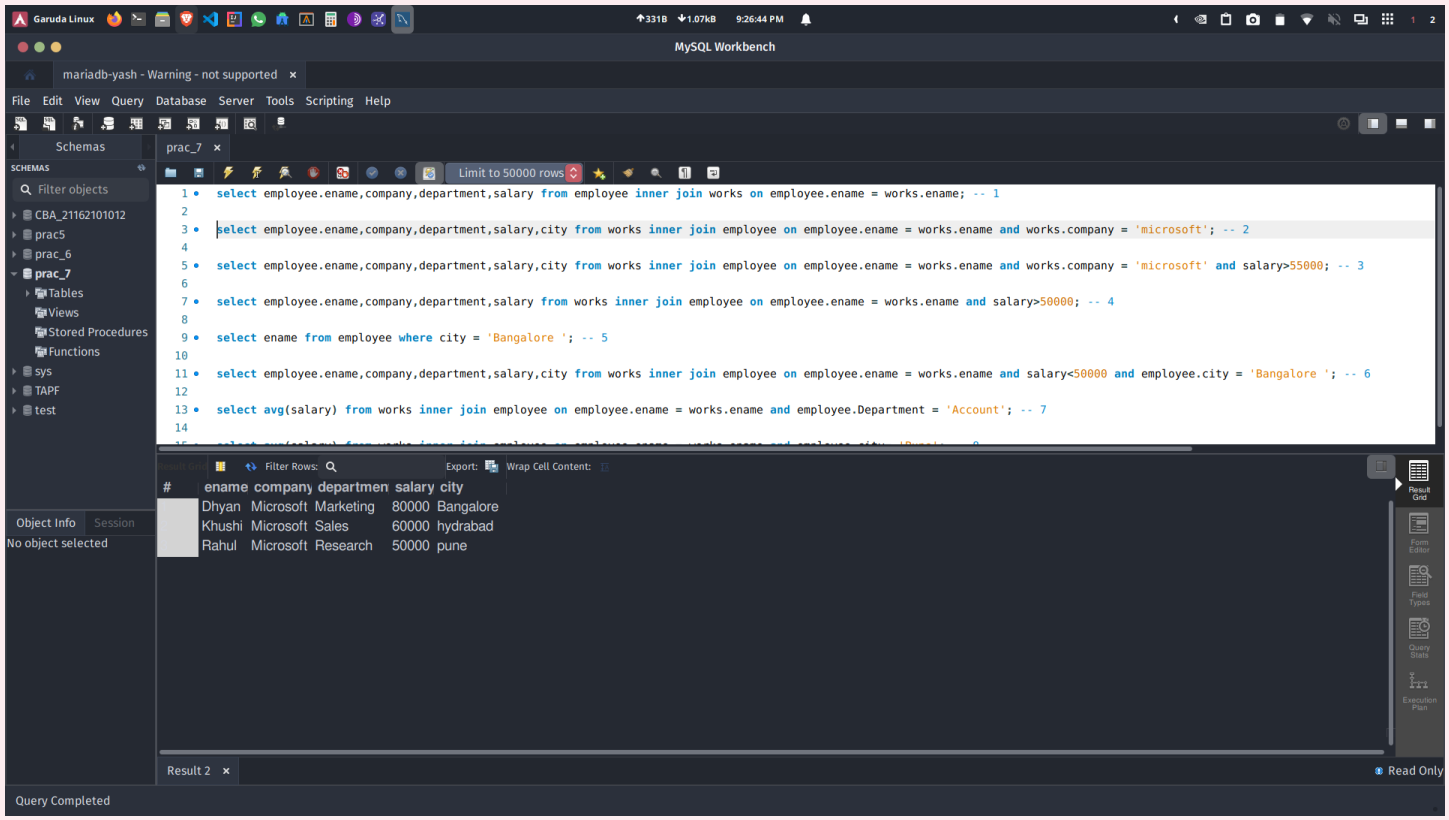
2. Display all employee details who works for Microsoft.

```
select employee.ename,company,department,salary,city from
works inner join employee on employee.ename = works.ename
and works.company = 'microsoft';
```



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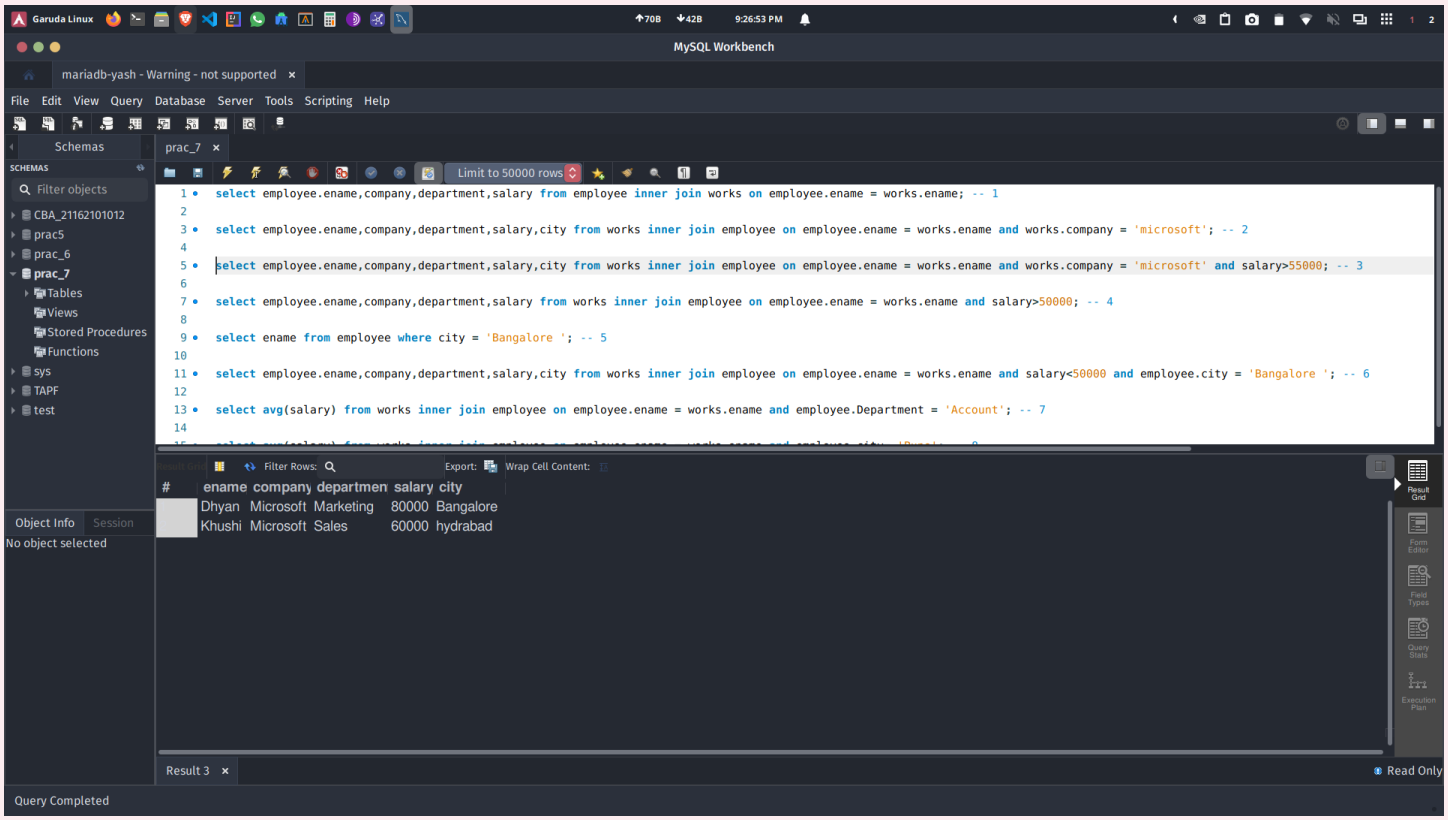
3. Display all employee who works for Microsoft and salary more than 55000.

```
select employee.ename,company,department,salary,city from
works inner join employee on employee.ename = works.ename
and works.company = 'microsoft' and salary>55000;
```



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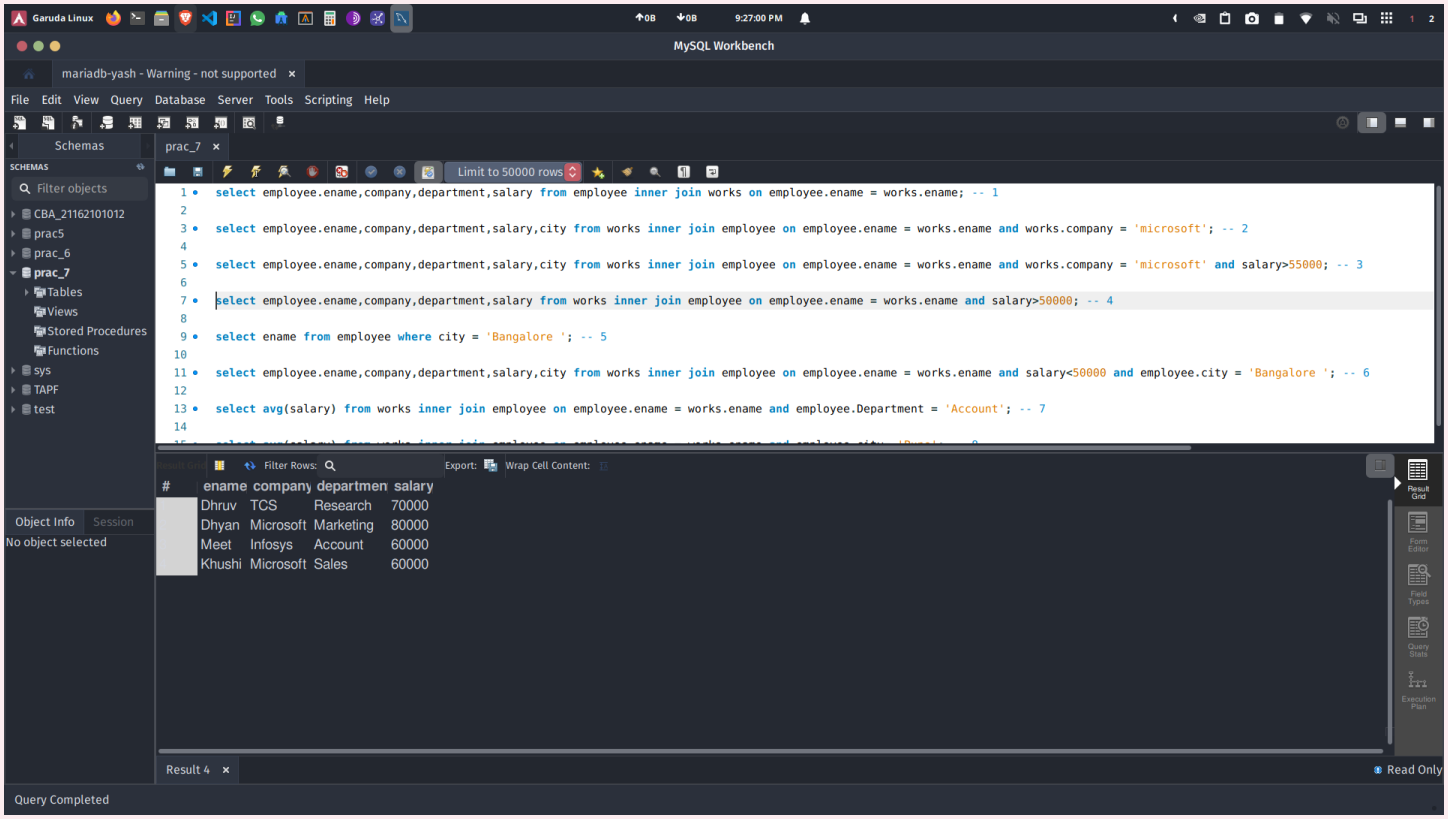
4. Display ename, company, department, salary of all Employee whose salary is more than 50000.

```
select employee.ename,company,department,salary from works
inner join employee on employee.ename = works.ename and
salary>50000;
```



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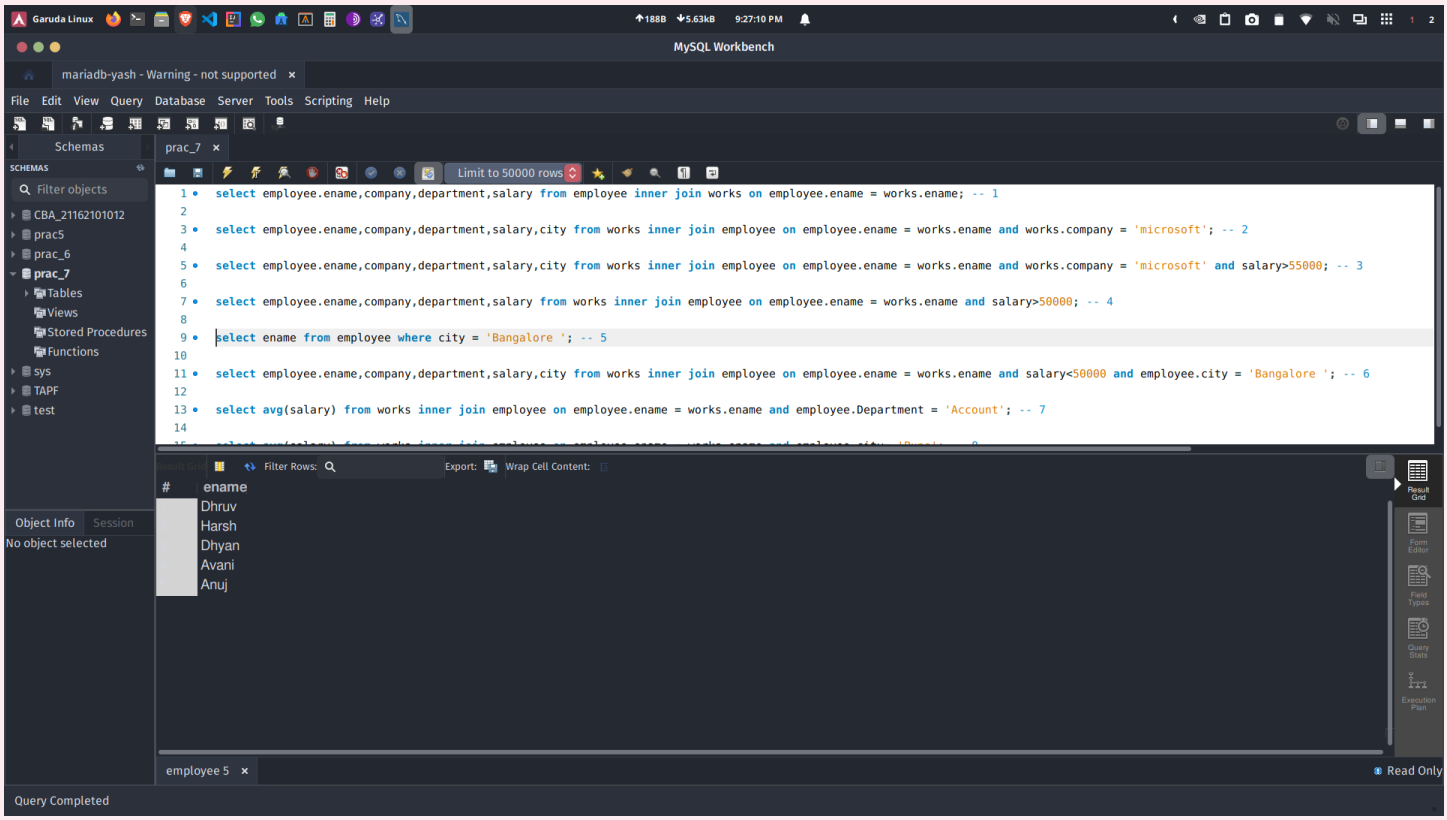
5. Display ename who works in Bangalore.

```
select ename from employee where city = 'Bangalore ';
```



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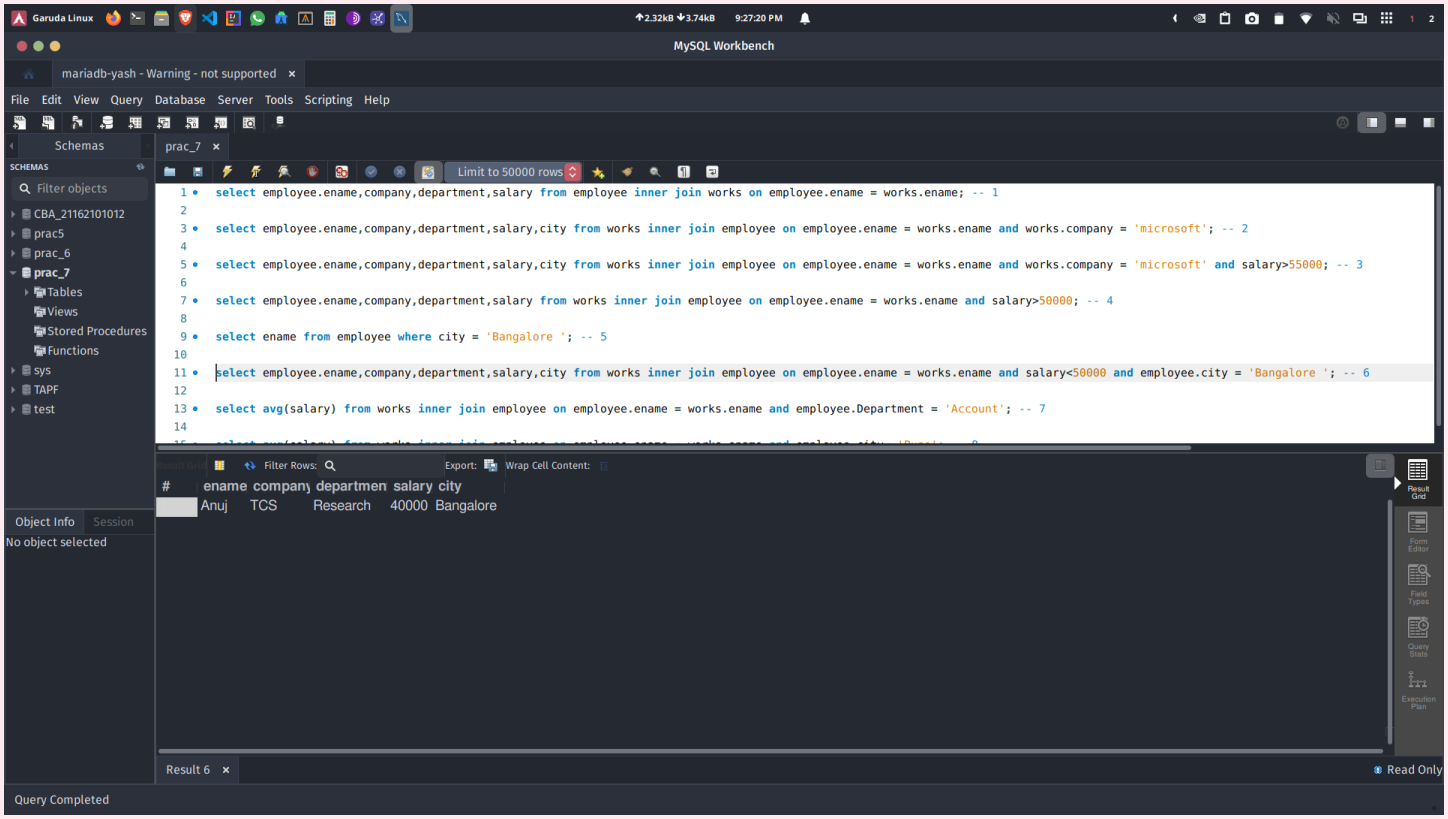
6. Display ename who works in Bangalore and salary less than 50000.

```
select employee.ename,company,department,salary,city from works
inner join employee on employee.ename = works.ename and
salary<50000 and employee.city = 'Bangalore ';
```



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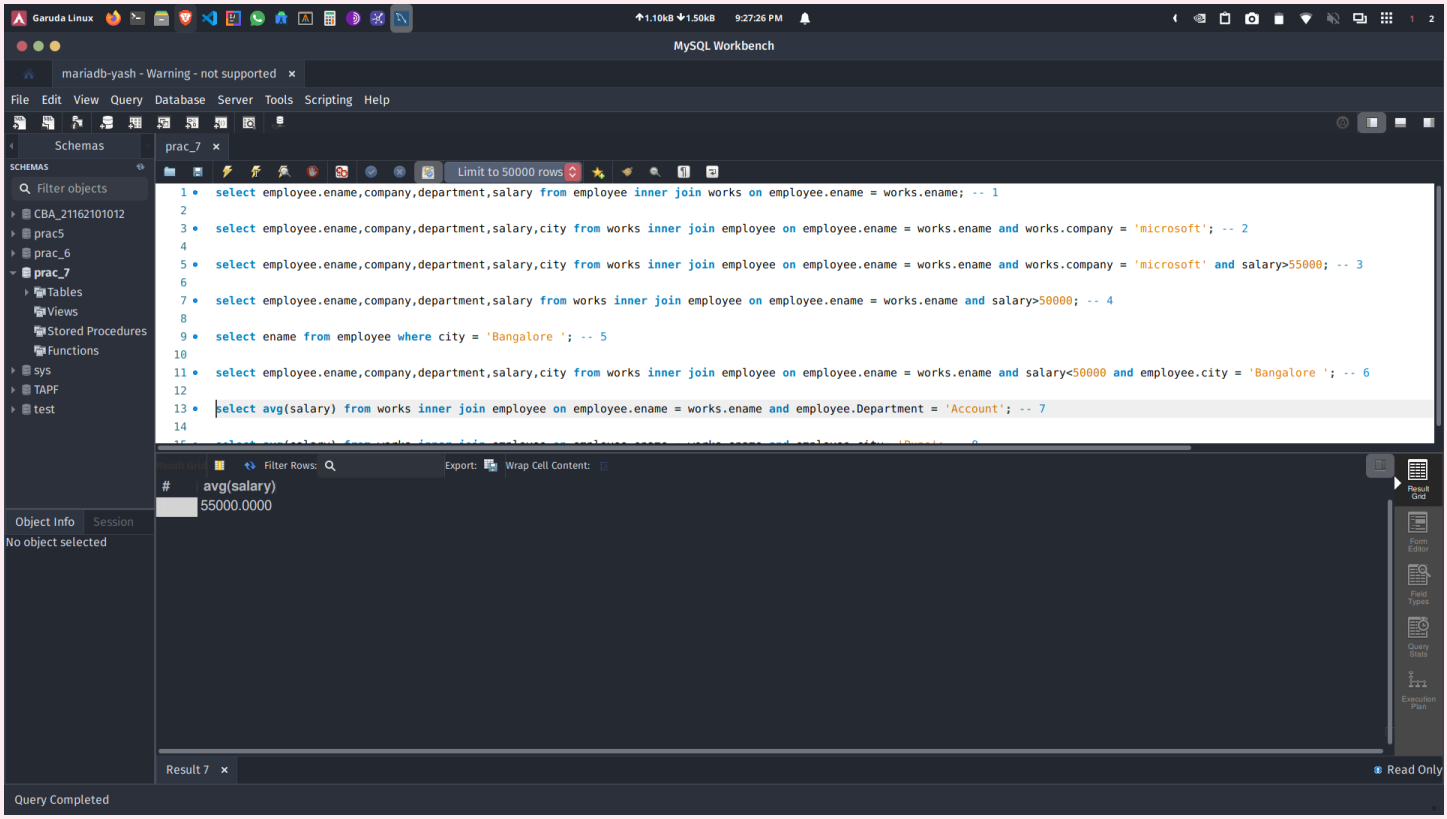
7. Find Average salary of Employee working in Account Department

```
select avg(salary) from works inner join employee on
employee.ename = works.ename and employee.Department = 'Account';
```



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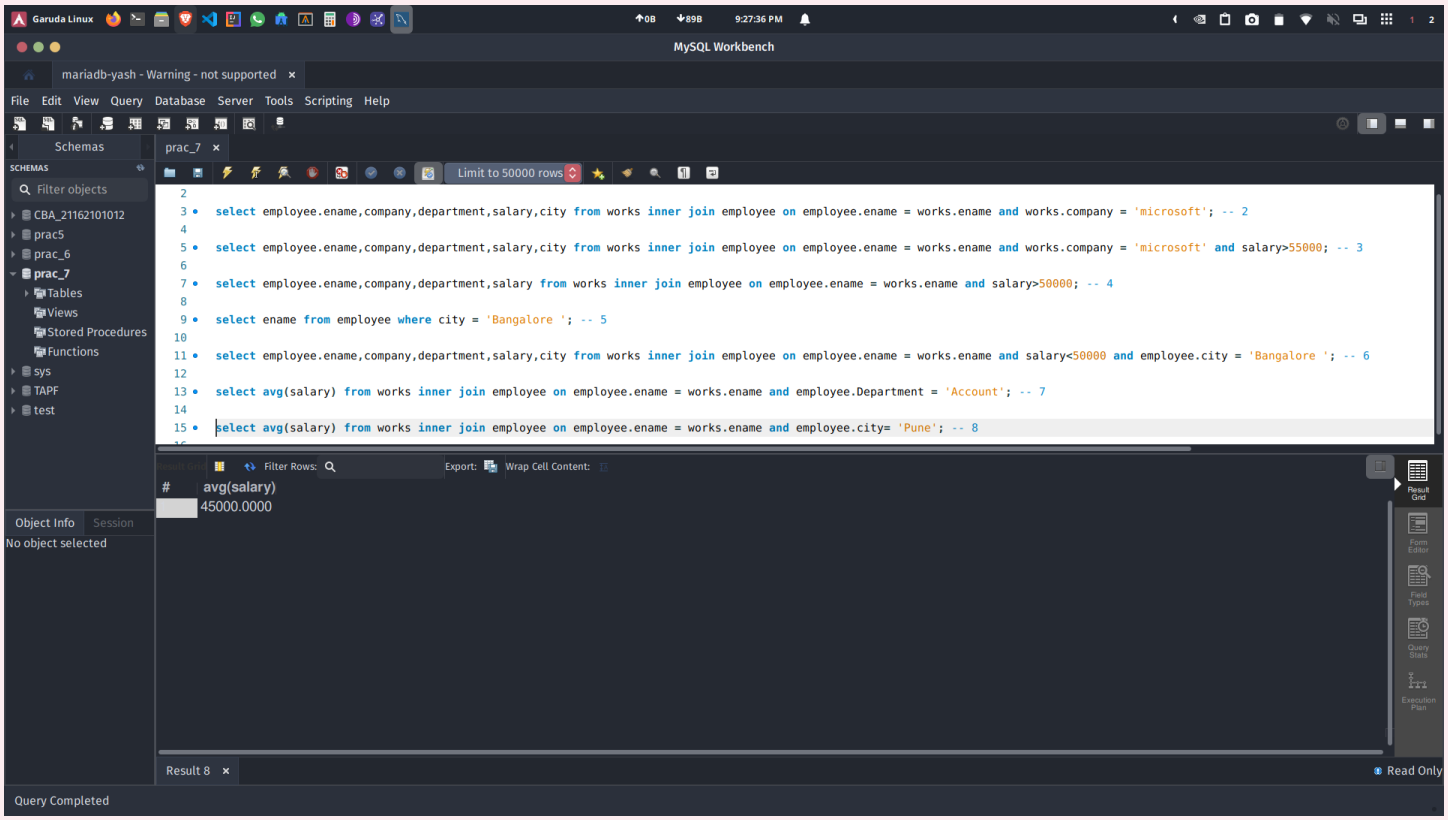
8. Find Average salary of Employee who live in Pune.

```
select avg(salary) from works inner join employee on

employee.ename = works.ename and employee.city= 'Pune';
```



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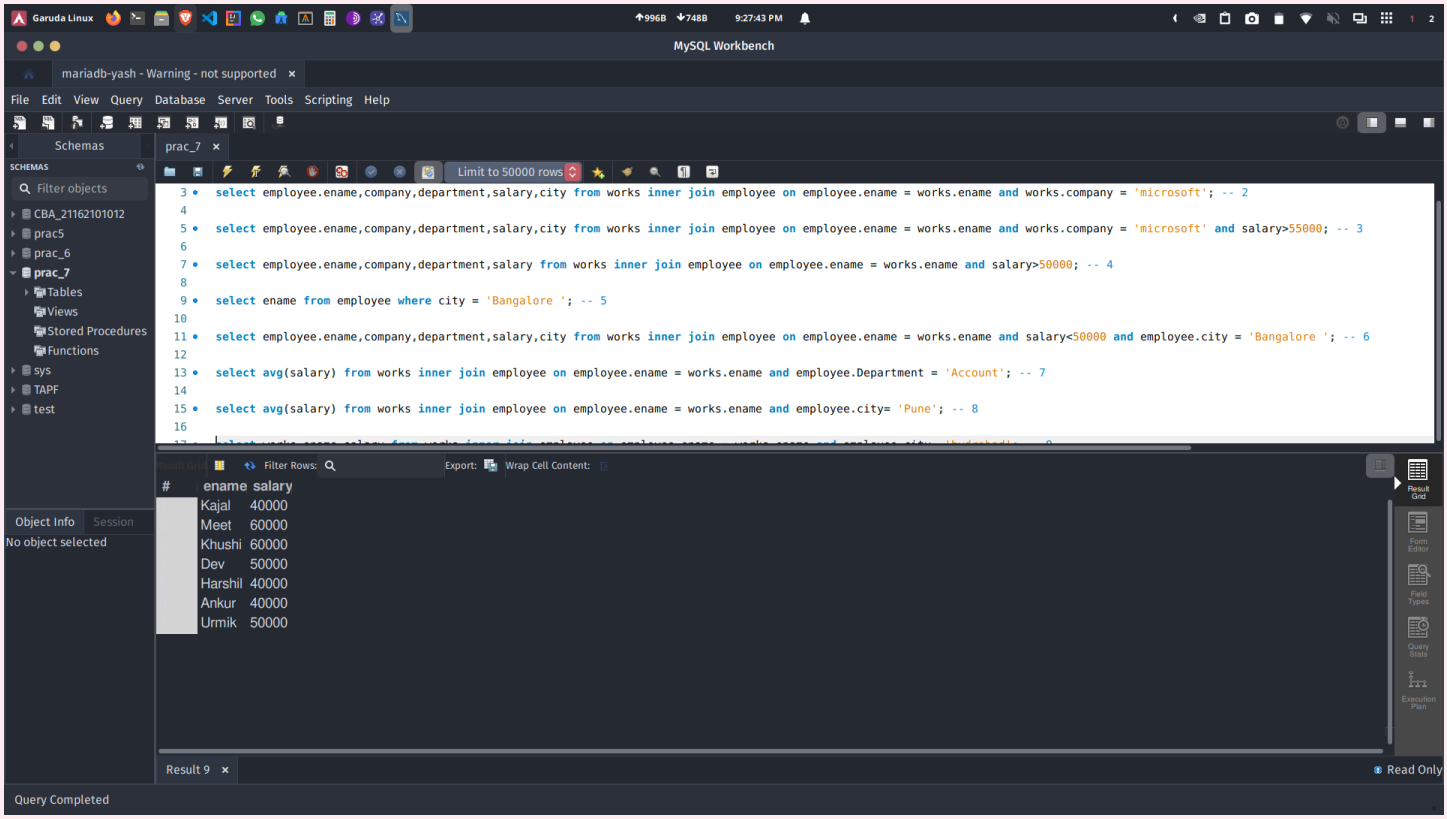
9. Display ename and salary who live in Hydrabad.

```
select works.ename,salary from works inner join employee on

employee.ename = works.ename and employee.city= 'hydrabad';
```



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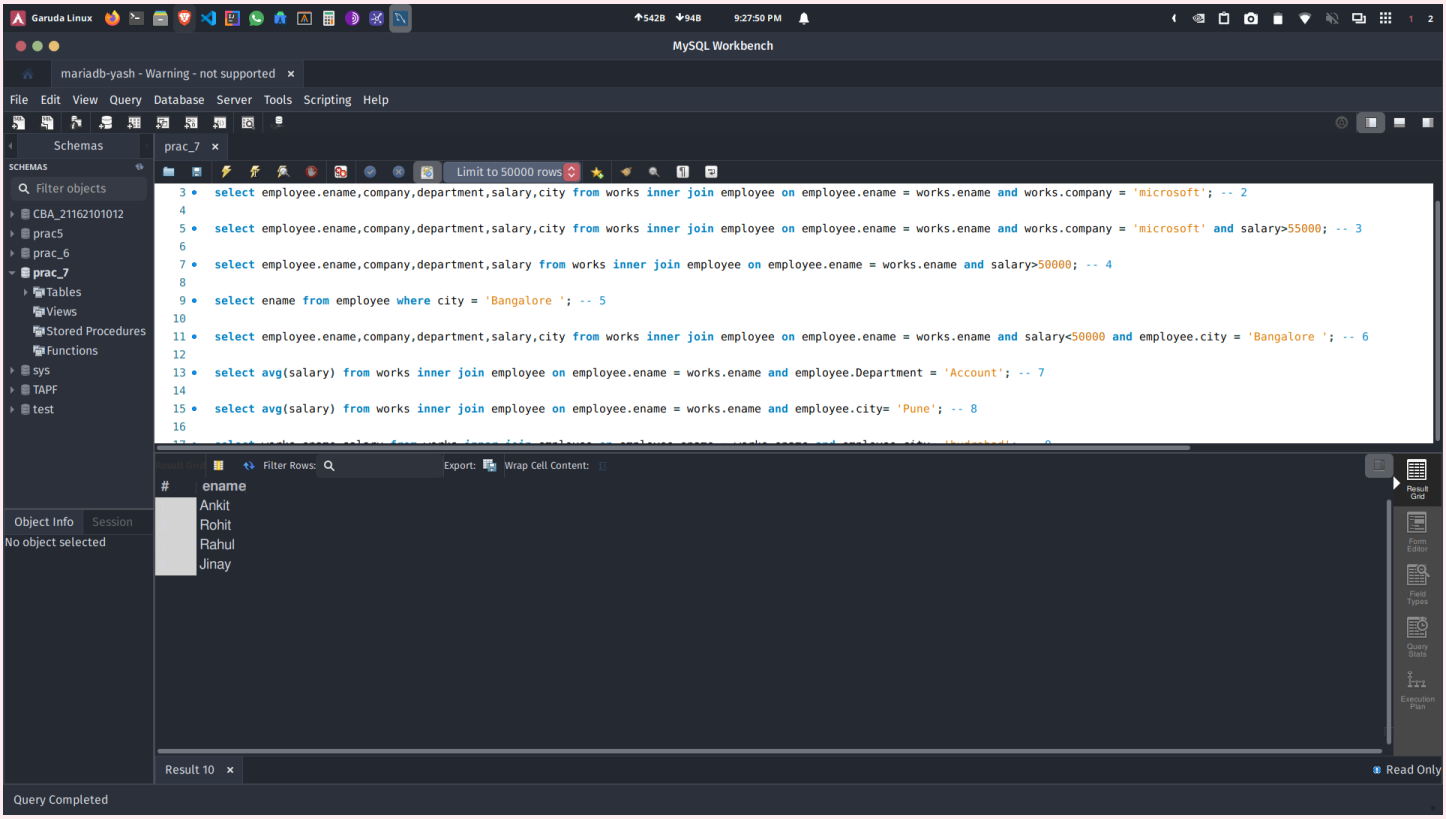
10.Display ename whose company is in Pune.

```
select works.ename from works inner join employee on

employee.ename = works.ename and employee.city= 'Pune';
```



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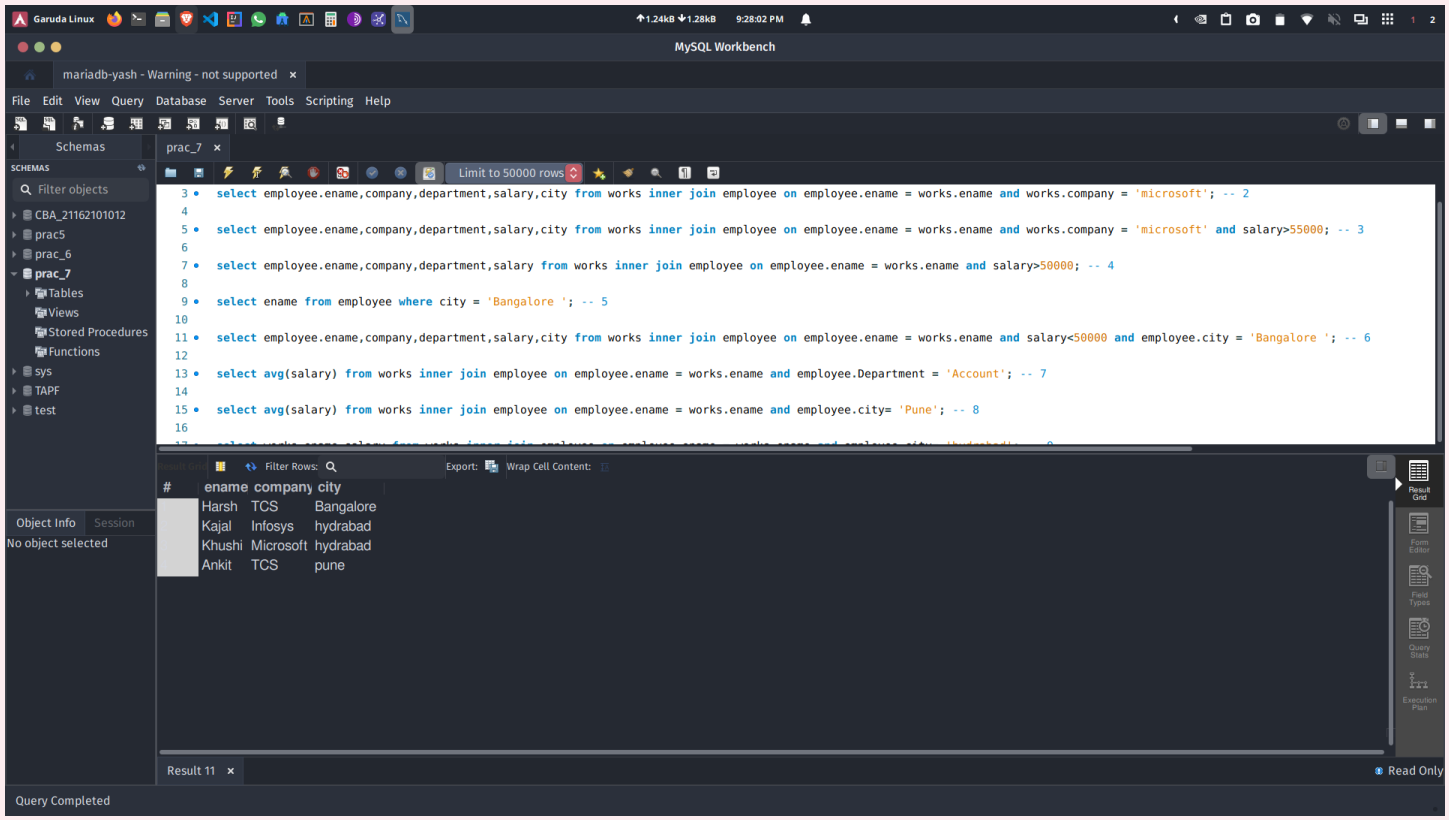
11.Display ename,company,city who works in Sales Department.

```
select works.ename,company,city from works inner join employee on
employee.ename = works.ename and Department = 'Sales';
```



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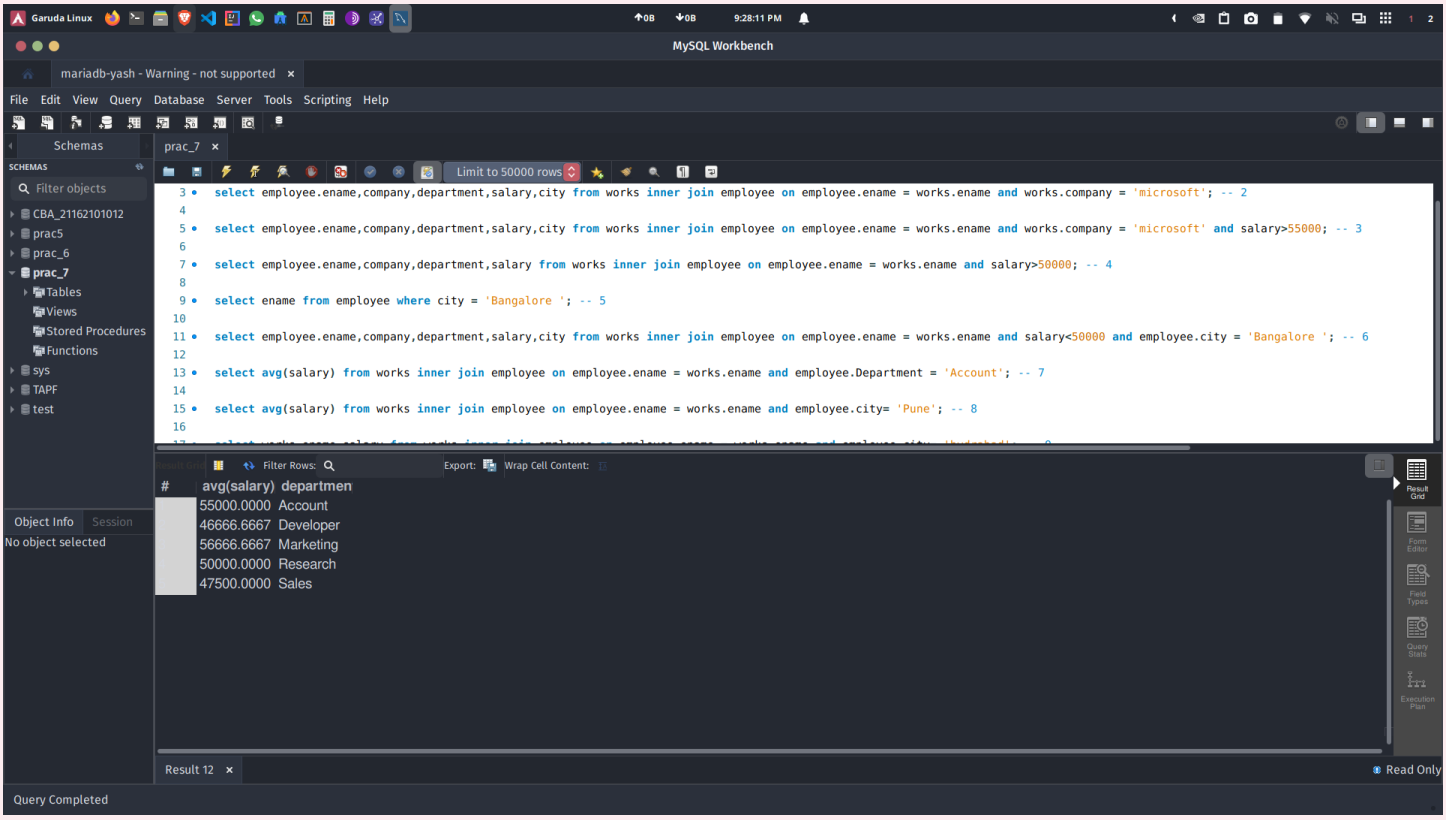
12.Display average salary of each department.

```
select avg(salary),department from works inner join employee on
employee.ename = works.ename group by employee.department;
```



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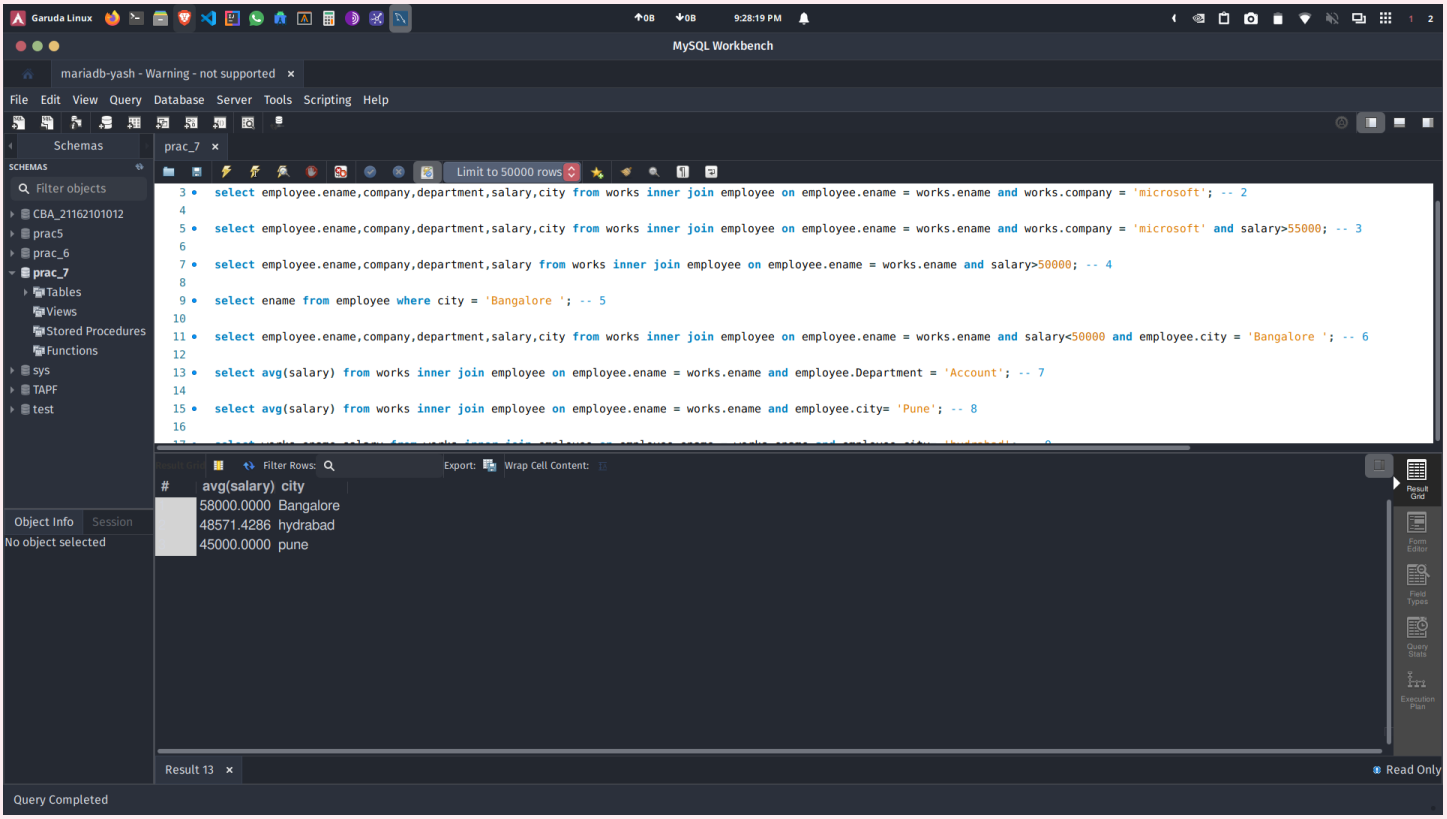
13.Display city wise average salary of employee.

```
select avg(salary),city from works inner join employee on

employee.ename = works.ename group by employee.city;
```



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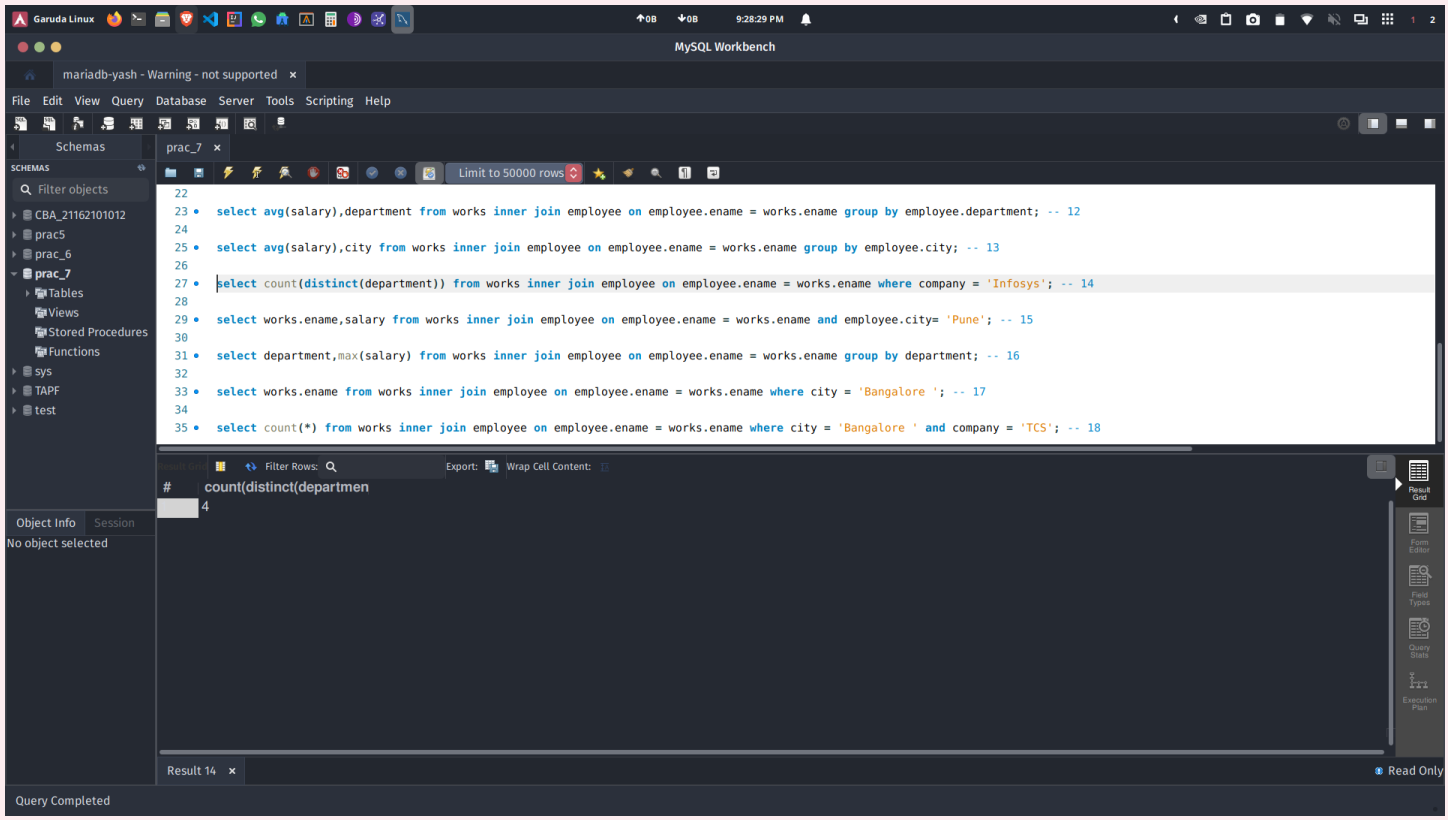
14.Find total number of Department in Infosys.

```
select count(distinct(department)) from works inner join employee
on employee.ename = works.ename where company = 'Infosys';
```



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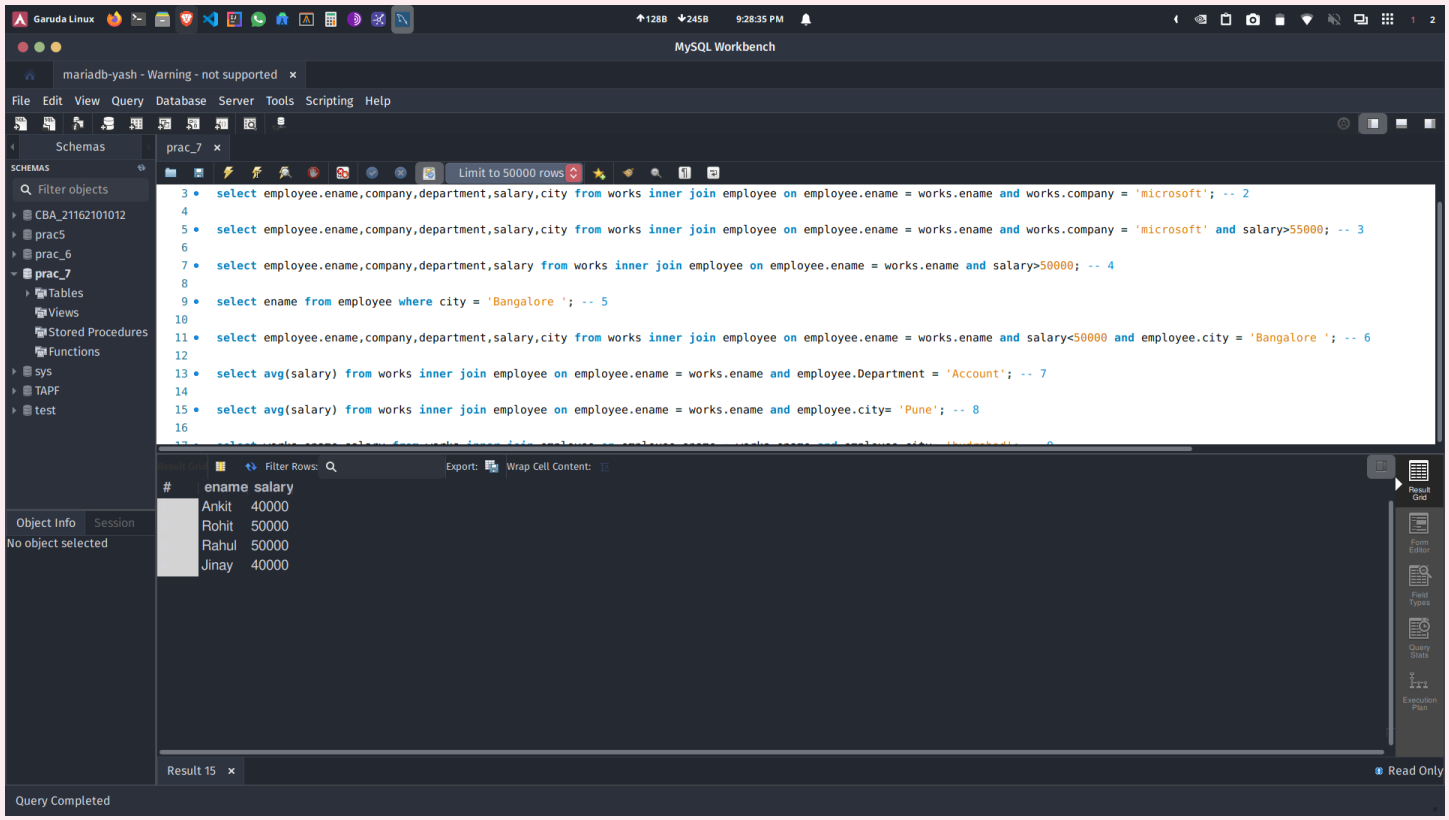
15.Display ename,salary of employee whose company is in Pune.

```
select works.ename,salary from works inner join employee on
employee.ename = works.ename and employee.city= 'Pune';
```



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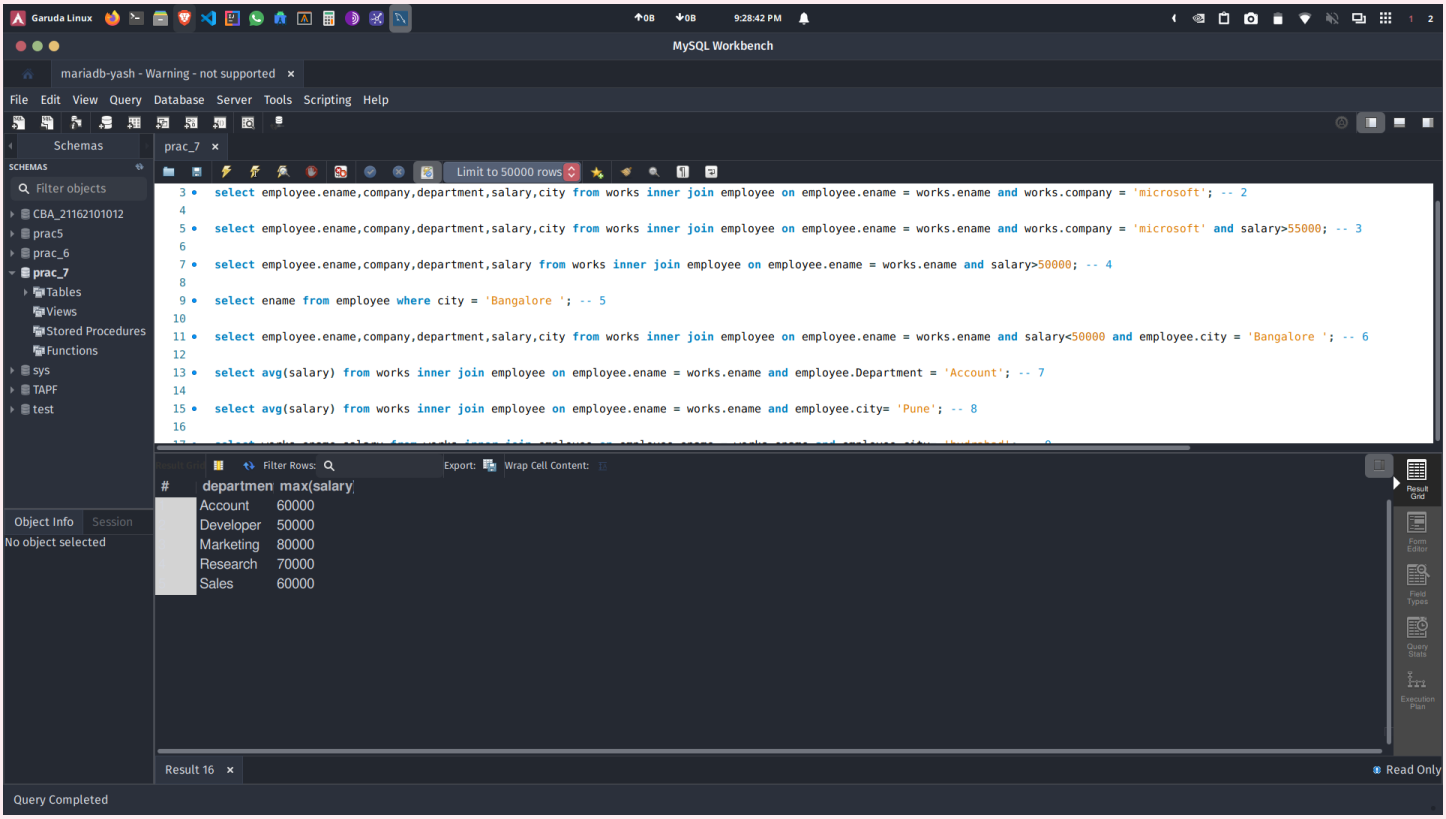
16.Display max salary of each department.

```
select department,max(salary) from works inner join employee on
employee.ename = works.ename group by department;
```



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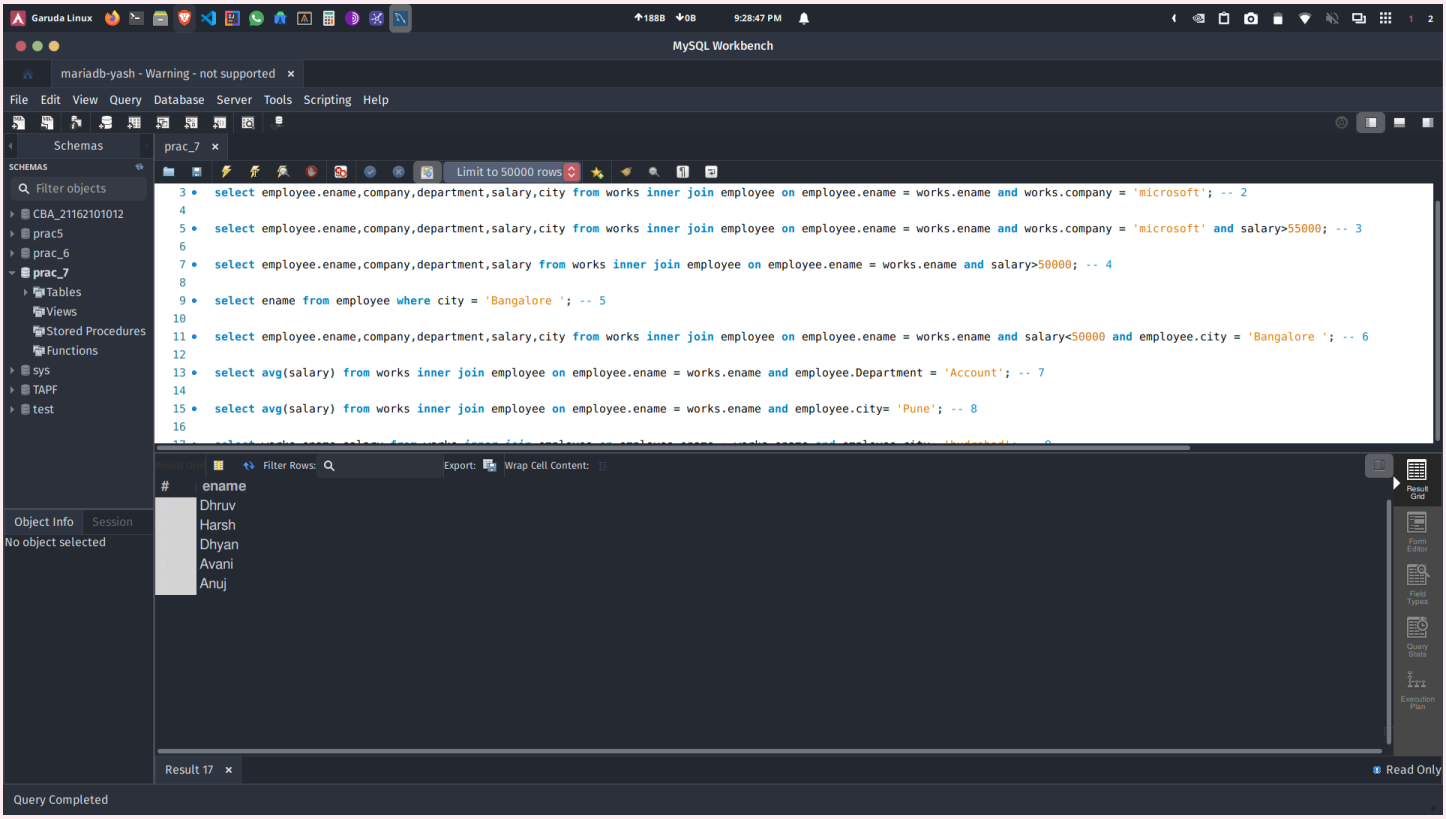
17.Display employee name who live in Bangalore and works in Bangalore.

```
select works.ename from works inner join employee on

employee.ename = works.ename where city = 'Bangalore ';
```



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18.Display no of employee who live in Bangalore and works in TCS.

```
select count(*) from works inner join employee on employee.ename =
works.ename where city = 'Bangalore ' and company = 'TCS';
```