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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;
```

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL query:

```
1 select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1  
2  
3 select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>50000; -- 3  
6  
7 select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 select ename from employee where city = 'Bangalore'; -- 5  
10  
11 select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and employee.city = 'Bangalore'; -- 8
```

The result grid shows the output of the first query:

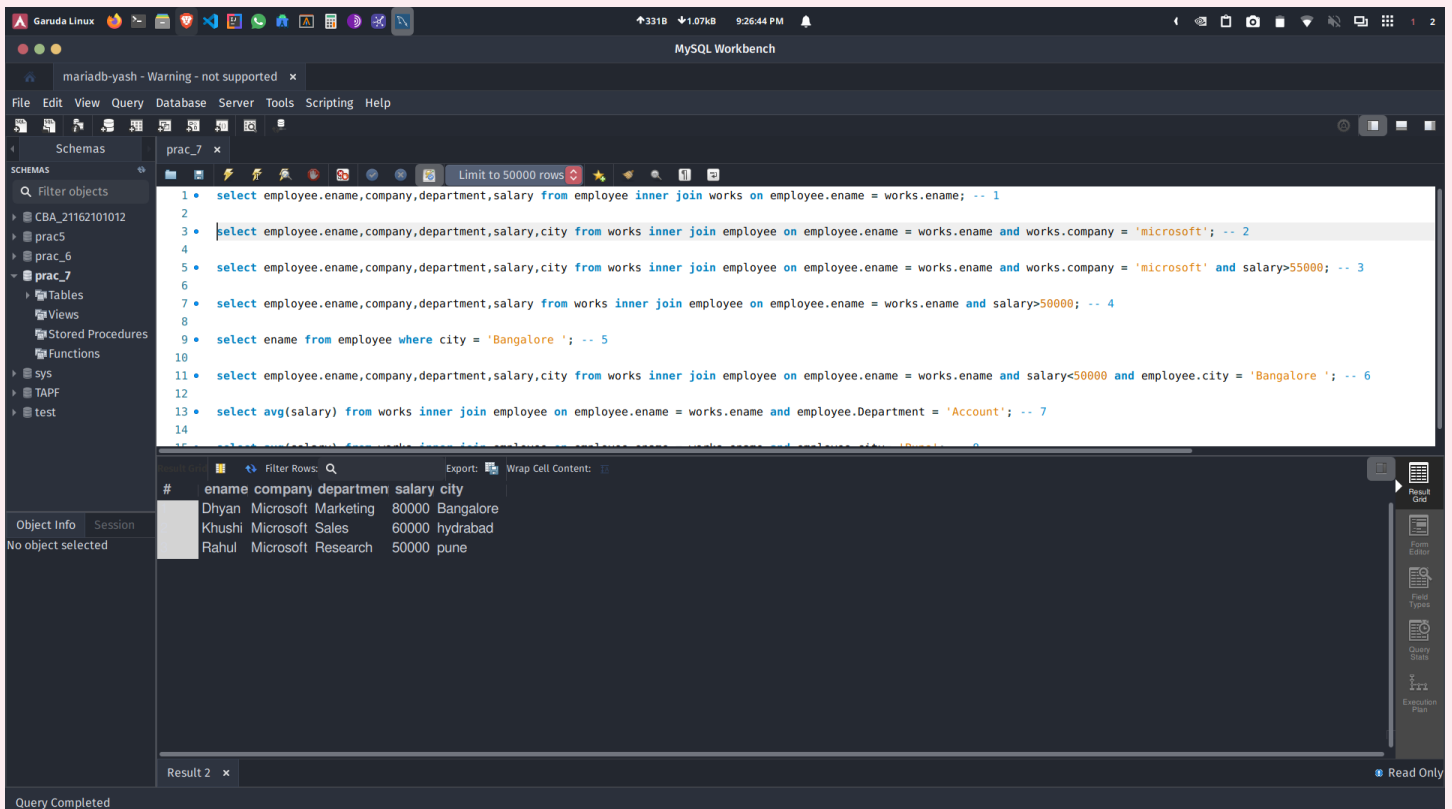
#	ename	company	department	salary
1	Dhruv	TCS	Research	70000
2	Harsh	TCS	Sales	50000
3	Dhyan	Microsoft	Marketing	80000
4	Avani	Infosys	Developer	50000
5	Kajal	Infosys	Sales	40000
6	Meet	Infosys	Account	60000
7	Khushi	Microsoft	Sales	60000
8	Dev	Infosys	Developer	50000
9	Harshil	TCS	Research	40000
10	Ankit	TCS	Sales	40000
11	Rohit	TCS	Account	50000
12	Rahul	Microsoft	Research	50000
13	Jinay	Infosys	Developer	40000

The status bar at the bottom indicates "Query Completed".

Name - Yash Lakhtariya
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DBMS Practical 7

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';
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to select employee details for Microsoft. The results pane shows the output of the query.

```
1 • select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1  
2  
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 8
```

#	ename	company	departmen	salary	city
1	Dhyan	Microsoft	Marketing	80000	Bangalore
2	Khushi	Microsoft	Sales	60000	hydrabad
3	Rahul	Microsoft	Research	50000	pune

Query Completed

Name - Yash Lakhtariya
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DBMS Practical 7

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;
```

The screenshot shows the MySQL Workbench interface on a Linux system. The query editor contains the following SQL query:

```
1 • select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1  
2  
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore '; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 8
```

The results of the query are displayed in the Results grid below the query editor:

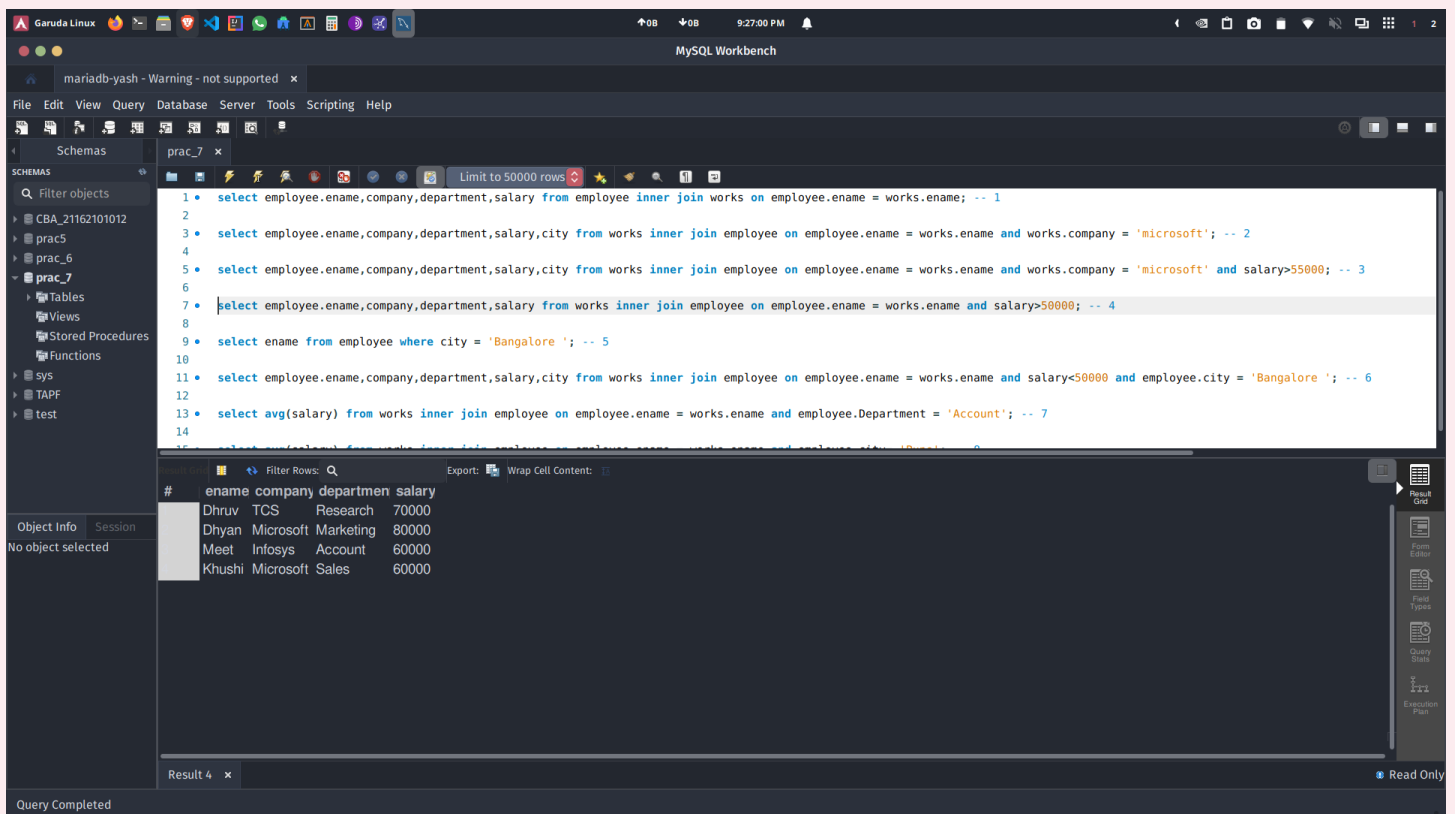
#	ename	company	department	salary	city
1	Dhyan	Microsoft	Marketing	80000	Bangalore
2	Khushi	Microsoft	Sales	60000	hydrabad

The status bar at the bottom indicates "Query Completed" and "Result 3 x".

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

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;
```



The screenshot shows the MySQL Workbench interface. The SQL editor contains a query that selects employee details from the 'works' table where the salary is greater than 50,000. The results are displayed in a table with 5 rows.

```
1 • select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1  
2  
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore '; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary>50000 and employee.city = 'Bangalore '; -- 8
```

#	ename	company	departmen	salary
1	Dhruv	TCS	Research	70000
2	Dhyan	Microsoft	Marketing	80000
3	Meet	Infosys	Account	60000
4	Khushi	Microsoft	Sales	60000

Query Completed

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

5. Display ename who works in Bangalore.

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

The screenshot shows the MySQL Workbench interface on a Linux system. The main query editor contains a list of SQL queries, with the fifth query selected and highlighted:

```
1 • select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1
2
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2
4
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3
6
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4
8
9 • select ename from employee where city = 'Bangalore '; -- 5
10
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6
12
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7
14
```

Below the query editor, the results of the selected query are displayed in a table:

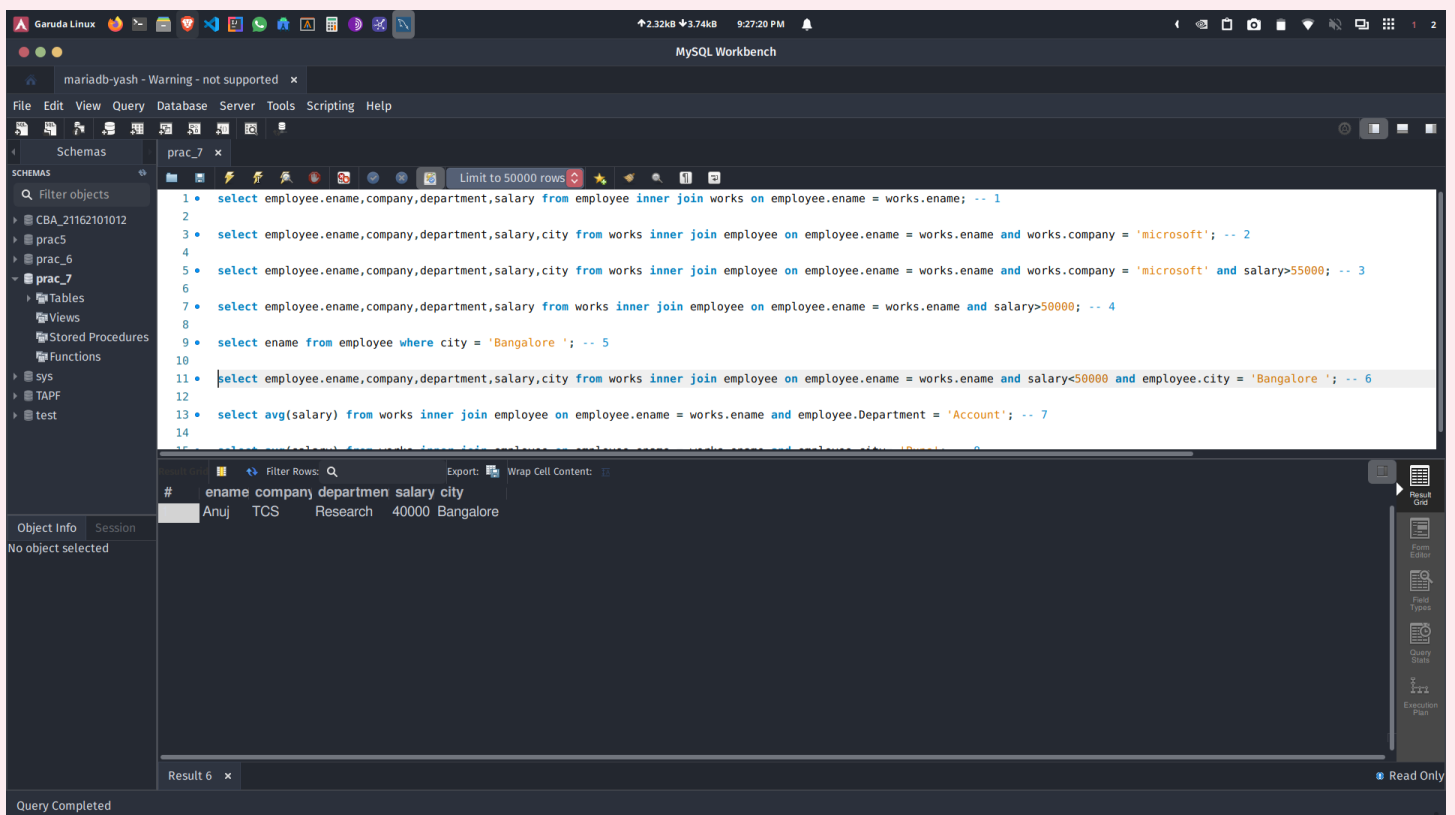
#	ename
1	Dhruv
2	Harsh
3	Dhyan
4	Avani
5	Anuj

The interface also shows a sidebar with a schema tree on the left and a status bar at the bottom indicating "Query Completed".

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DBMS Practical 7

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 ';
```



The screenshot shows the MySQL Workbench interface. The SQL editor contains a query that filters for employees in Bangalore with a salary less than 50,000. The result set shows one employee, Anuj, working at TCS in the Research department with a salary of 40,000.

```
1 • select employee.ename,company,department,salary from employee inner join works on employee.ename = works.ename; -- 1  
2  
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore '; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14
```

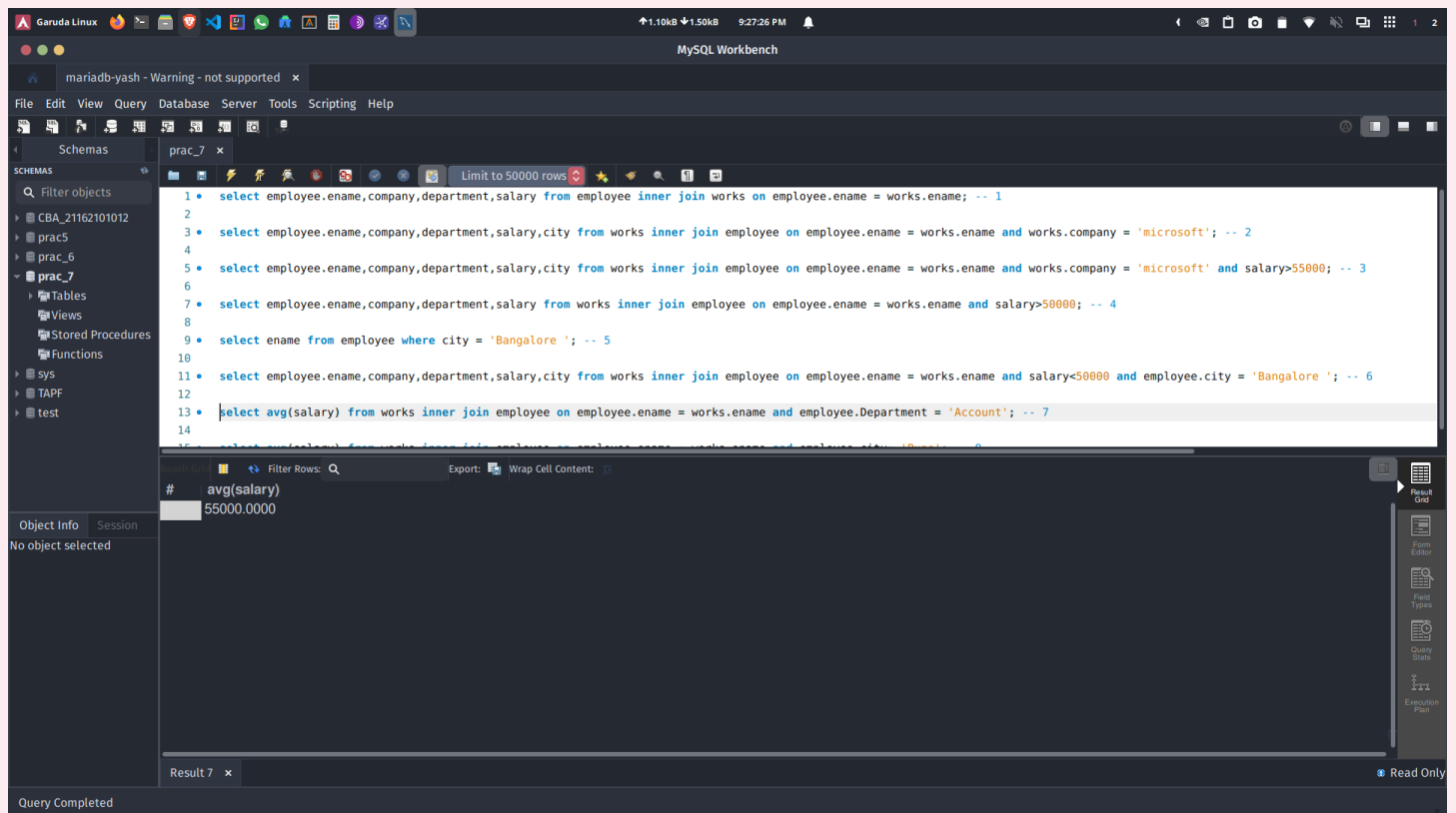
#	ename	company	departmen	salary	city
1	Anuj	TCS	Research	40000	Bangalore

Query Completed

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

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';
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to find the average salary of employees in the Account Department. The query is as follows:

```
1 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename; -- 1  
2  
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14
```

The result of the query is displayed in the Results tab, showing a single row with the average salary of 55000.0000.

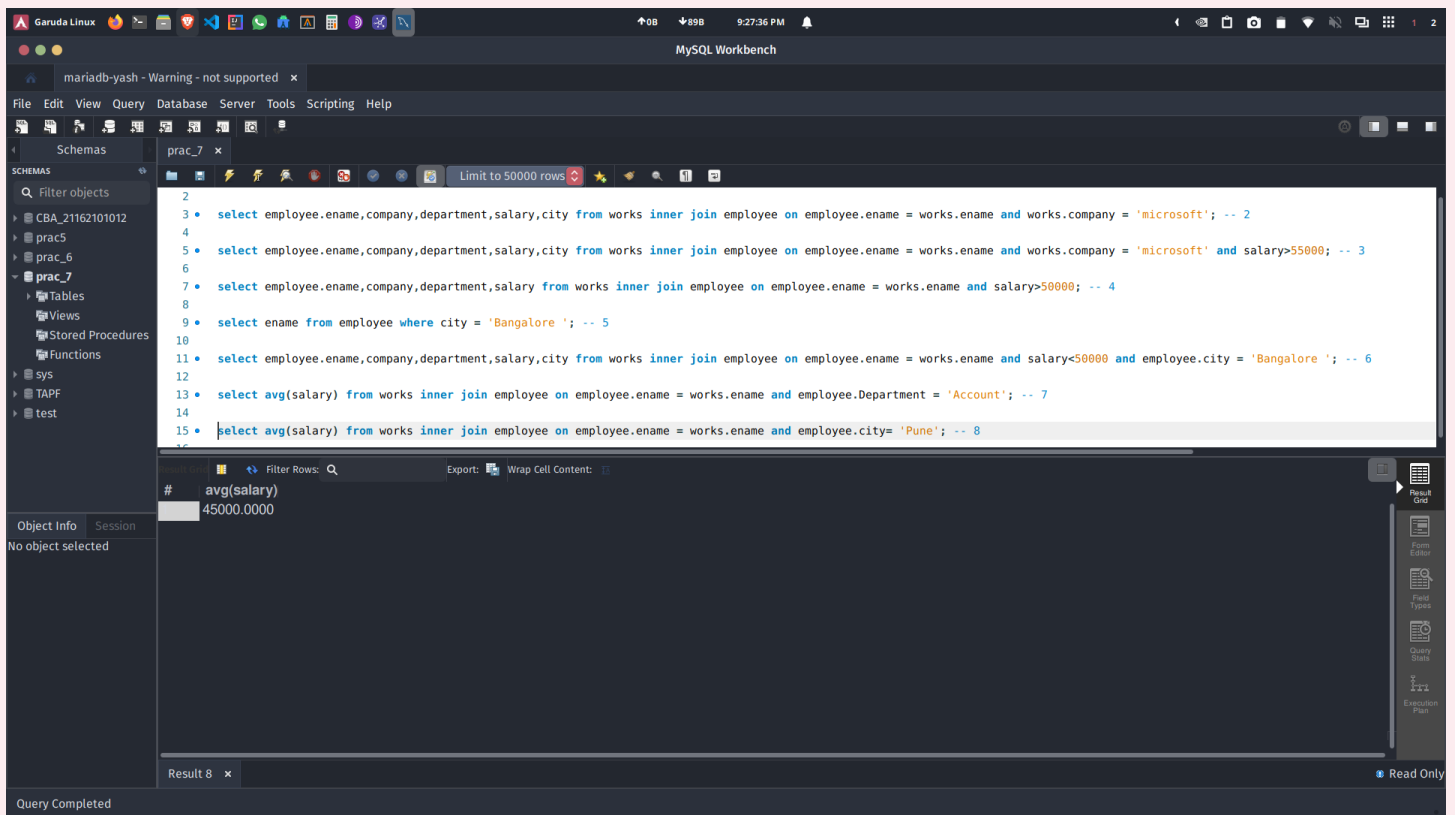
#	avg(salary)
1	55000.0000

The status bar at the bottom indicates "Query Completed".

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

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';
```



The screenshot shows the MySQL Workbench interface. The query editor contains a list of SQL queries, with the 8th query selected: `select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8`. The Results panel at the bottom shows the output of this query as a single row with the value 45000.0000. The status bar at the bottom indicates 'Query Completed'.

#	avg(salary)
1	45000.0000

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

9. Display ename and salary who live in Hyderabad.

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

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL query:

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8  
16  
17 • select ename,salary from employee where city = 'Hydrabad'; -- 9
```

The results pane shows the output of the 9th query (which was corrected from 'Hydrabad' to 'Hyderabad' in the image):

#	ename	salary
1	Kajal	40000
2	Meet	60000
3	Khushi	60000
4	Dev	50000
5	Harshil	40000
6	Ankur	40000
7	Urmik	50000

The status bar at the bottom indicates "Query Completed".

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

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';
```

The screenshot shows the MySQL Workbench interface. The query editor contains a list of SQL queries, with the 10th query selected and highlighted in blue. The query is: `select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8`. The result pane at the bottom shows the output of this query, which is a single row with the value 4. The left sidebar shows the database schema, including tables like CBA_21162101012, prac5, prac6, and prac7. The top status bar indicates 'Query Completed'.

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2
4
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3
6
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4
8
9 • select ename from employee where city = 'Bangalore'; -- 5
10
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6
12
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7
14
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8
16
17 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8
```

#	ename
1	Ankit
2	Rohit
3	Rahul
4	Jinay

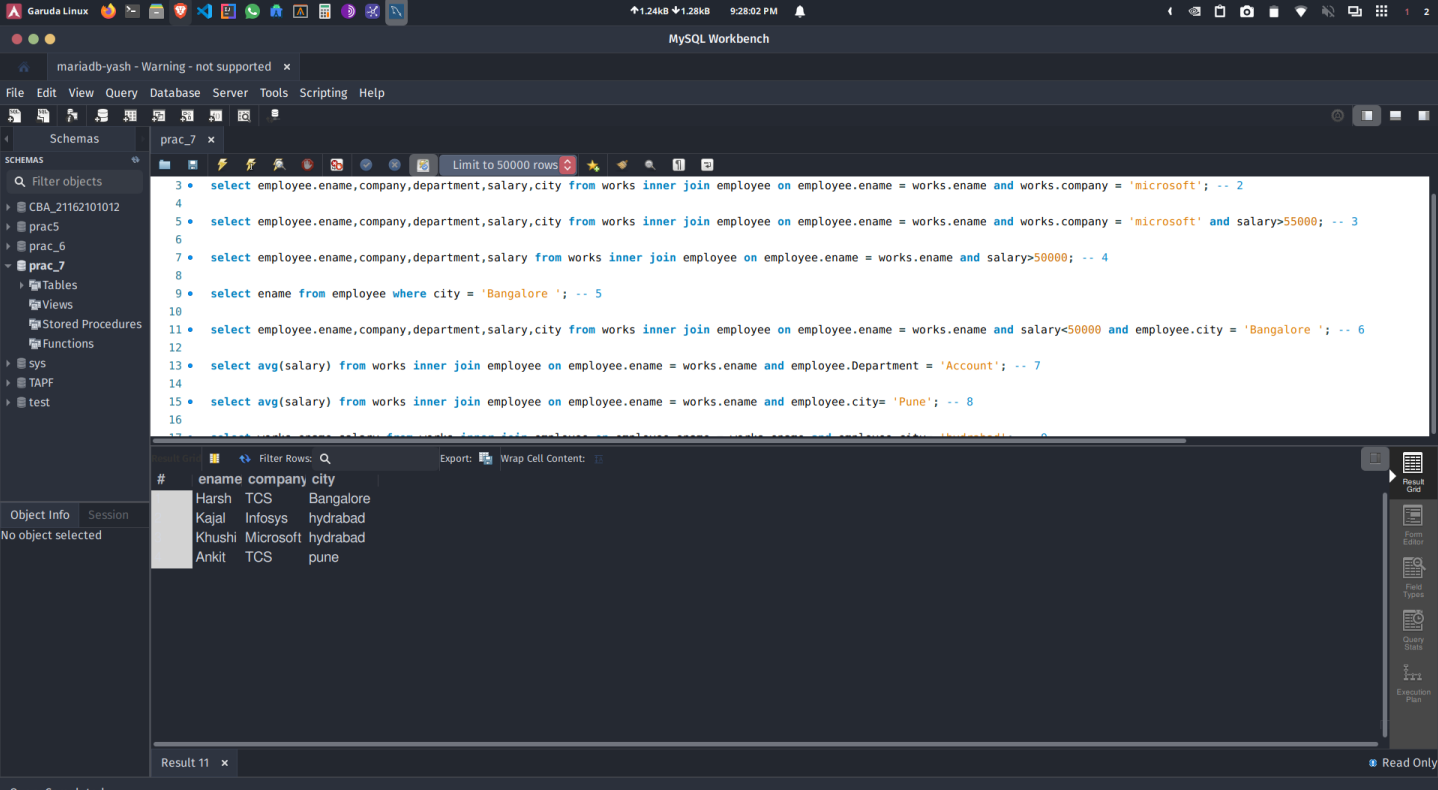
Result 10 x

Query Completed

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

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';
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query that joins the 'works' and 'employee' tables to filter for employees in the 'Sales' department. The results pane displays a table with three columns: 'ename', 'company', and 'city'. The table contains four rows of data.

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2
4
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3
6
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4
8
9 • select ename from employee where city = 'Bangalore'; -- 5
10
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6
12
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7
14
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8
16
17 • select ename,company,city from works inner join employee on employee.ename = works.ename and employee.city = 'Bangalore'; -- 9
```

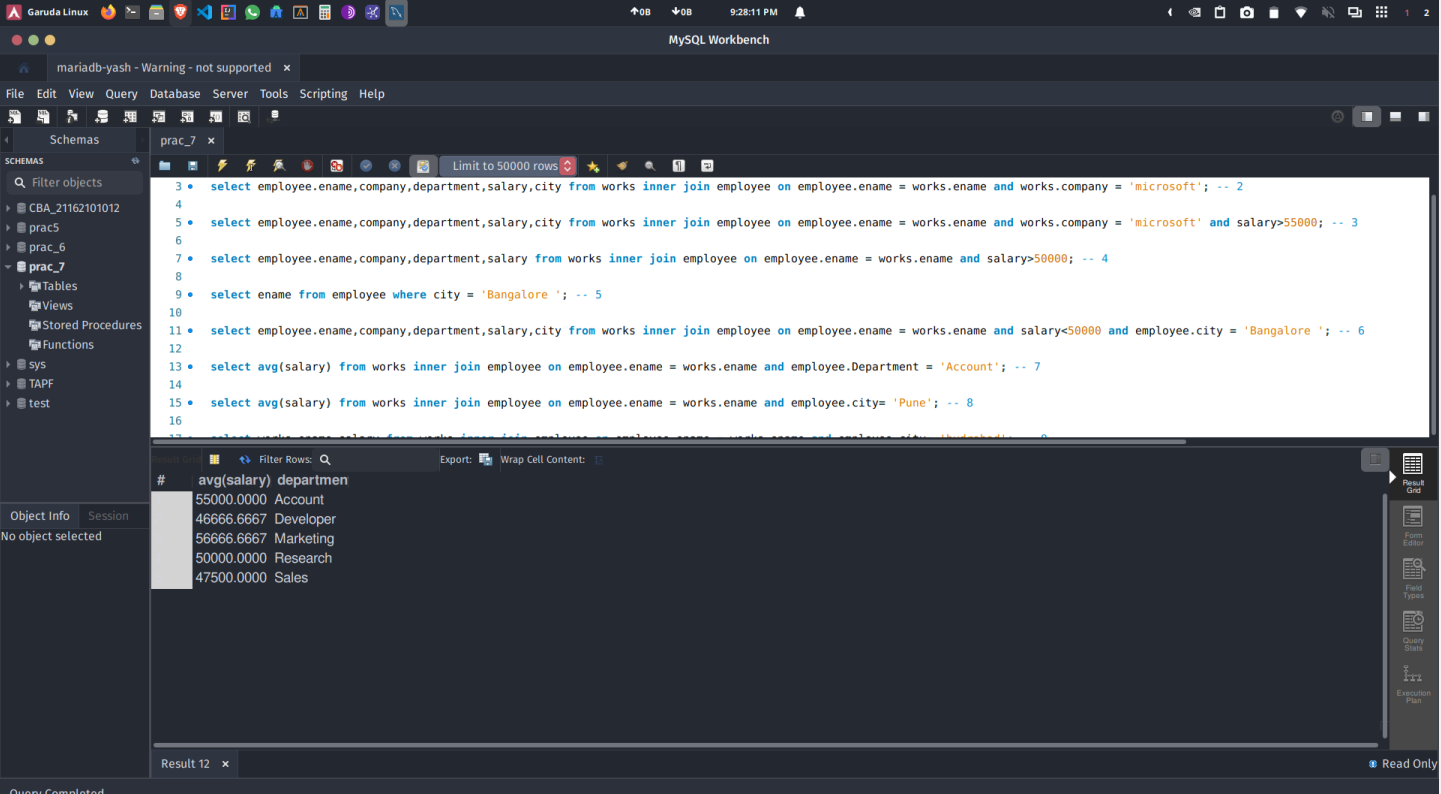
#	ename	company	city
1	Harsh	TCS	Bangalore
2	Kajal	Infosys	hydrabad
3	Khushi	Microsoft	hydrabad
4	Ankit	TCS	pune

Query Completed

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

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;
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to calculate the average salary for each department. The results pane displays the output of the query.

Query:

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8  
16  
17 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Bangalore'; -- 9
```

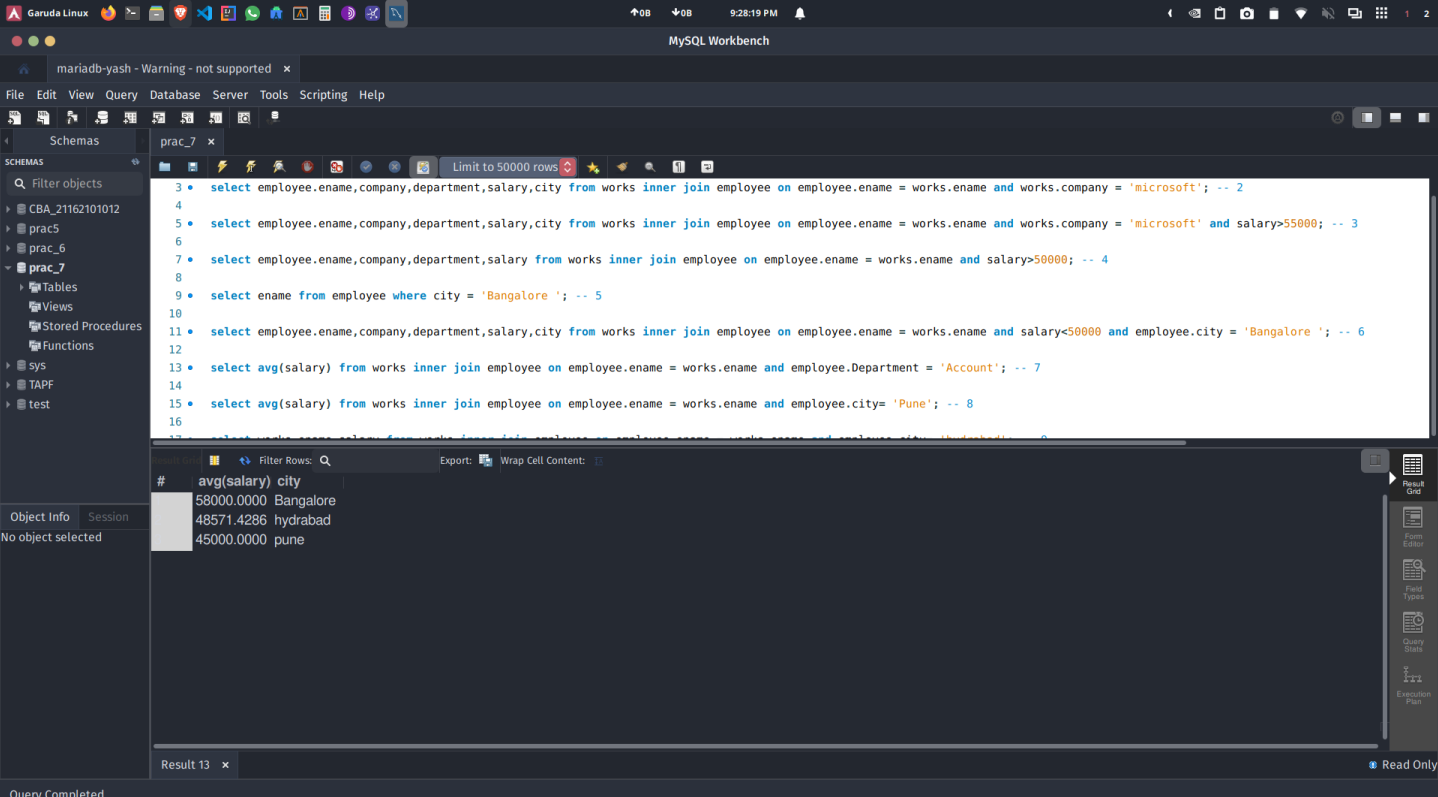
Results:

#	avg(salary)	departmen
1	55000.0000	Account
2	46666.6667	Developer
3	56666.6667	Marketing
4	50000.0000	Research
5	47500.0000	Sales

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DBMS Practical 7

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;
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to calculate the average salary by city. The results pane shows the output of the query.

Query:

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8  
16
```

Results:

#	avg(salary)	city
1	58000.0000	Bangalore
2	48571.4286	hyderabad
3	45000.0000	pune

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Branch - CBA , Batch - 31
DBMS Practical 7

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';
```

The screenshot shows the MySQL Workbench interface. The query editor contains a list of SQL queries, with query 14 selected and highlighted. The query is: `select count(distinct(department)) from works inner join employee on employee.ename = works.ename where company = 'Infosys';`. The results pane below the query editor shows the result of this query: a single row with the value 4. The status bar at the bottom indicates "Query Completed".

Query 14 x

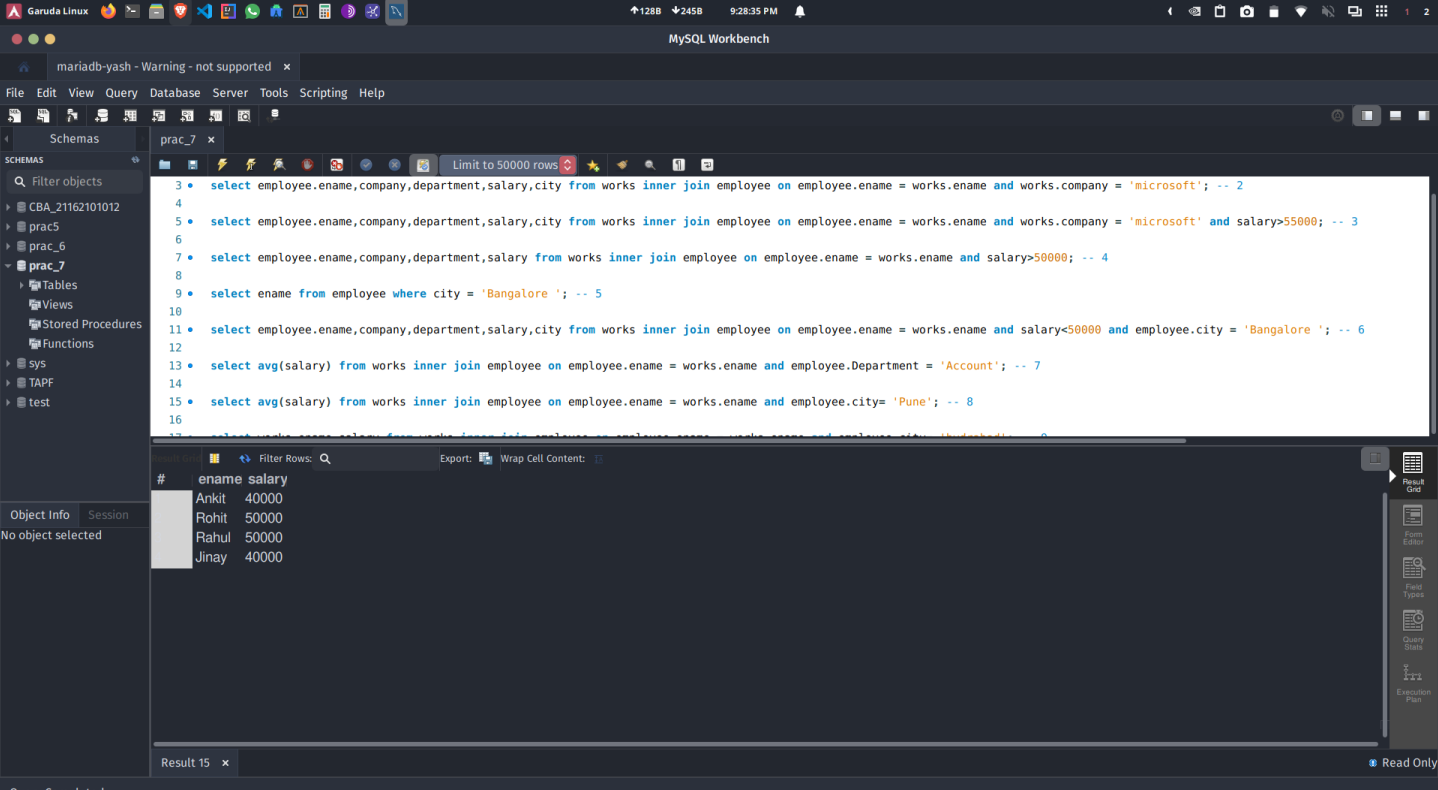
Result 14 x

Read Only

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Branch - CBA , Batch - 31
DBMS Practical 7

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';
```



The screenshot shows the MySQL Workbench interface on a Garuda Linux system. The query editor contains a SQL query that joins the 'works' and 'employee' tables to filter employees in Pune. The results pane shows the output of the query.

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2
4
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3
6
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4
8
9 • select ename from employee where city = 'Bangalore '; -- 5
10
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6
12
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7
14
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8
16
17 • select ename,salary from employee where city = 'Pune'; -- 9
```

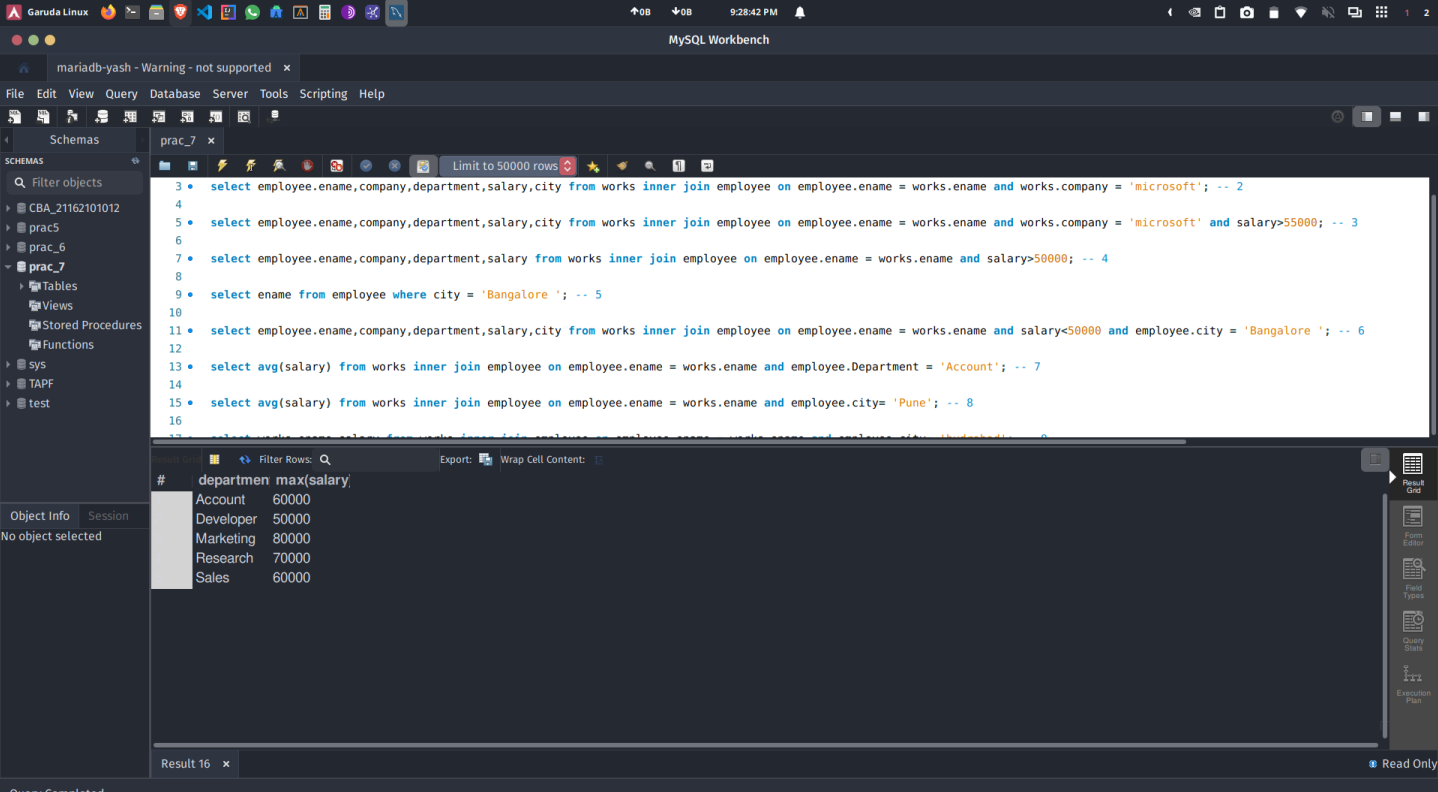
#	ename	salary
1	Ankit	40000
2	Rohit	50000
3	Rahul	50000
4	Jinay	40000

Query Completed

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Branch - CBA , Batch - 31
DBMS Practical 7

16.Display max salary of each department.

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



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to find the maximum salary for each department. The results pane shows the output of the query.

Query:

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore'; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore'; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8  
16  
17 • select max(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 9
```

Result 16:

#	departmen	max(salary)
1	Account	60000
2	Developer	50000
3	Marketing	80000
4	Research	70000
5	Sales	60000

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

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 ';
```

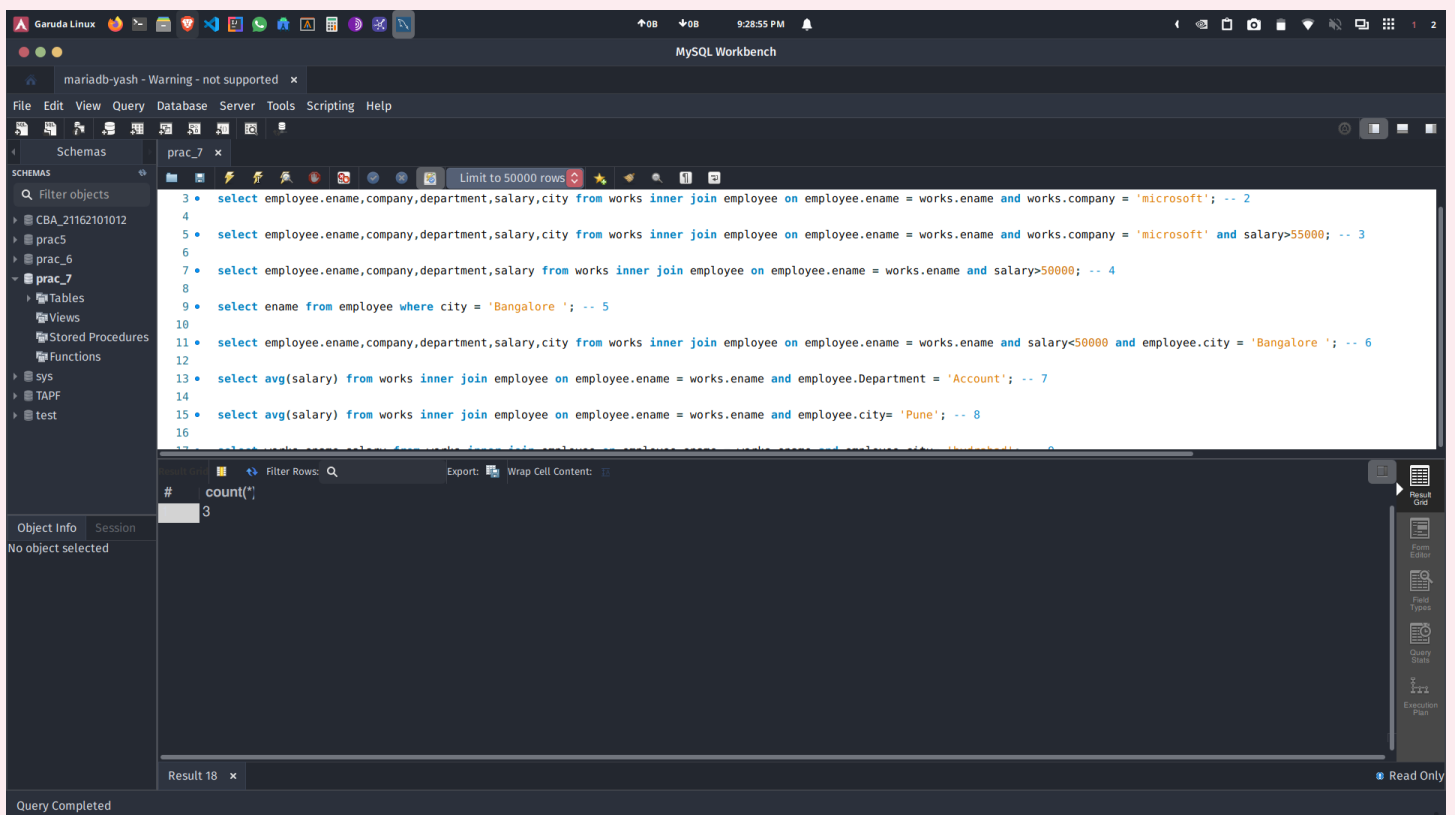
The screenshot shows the MySQL Workbench interface. The main editor displays a SQL query: `select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.city = 'Bangalore ';`. The left sidebar shows the Schemas tree with the database 'CBA_21162101012' selected. The bottom panel shows the results of the query, which is a single column named 'ename' containing the names 'Dhruv', 'Harsh', 'Dhyan', 'Avani', and 'Anuj'. The status bar at the bottom indicates 'Query Completed'.

#	ename
1	Dhruv
2	Harsh
3	Dhyan
4	Avani
5	Anuj

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

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';
```



The screenshot shows the MySQL Workbench interface. The query editor contains a SQL query to count employees in Bangalore who work for TCS. The query is as follows:

```
3 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft'; -- 2  
4  
5 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and works.company = 'microsoft' and salary>55000; -- 3  
6  
7 • select employee.ename,company,department,salary from works inner join employee on employee.ename = works.ename and salary>50000; -- 4  
8  
9 • select ename from employee where city = 'Bangalore '; -- 5  
10  
11 • select employee.ename,company,department,salary,city from works inner join employee on employee.ename = works.ename and salary<50000 and employee.city = 'Bangalore '; -- 6  
12  
13 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.Department = 'Account'; -- 7  
14  
15 • select avg(salary) from works inner join employee on employee.ename = works.ename and employee.city= 'Pune'; -- 8  
16
```

The query results are displayed in the Results tab, showing a single row with the count of 3.

#	count(*)
1	3

The status bar at the bottom indicates "Query Completed".