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Experiment 5

Query:

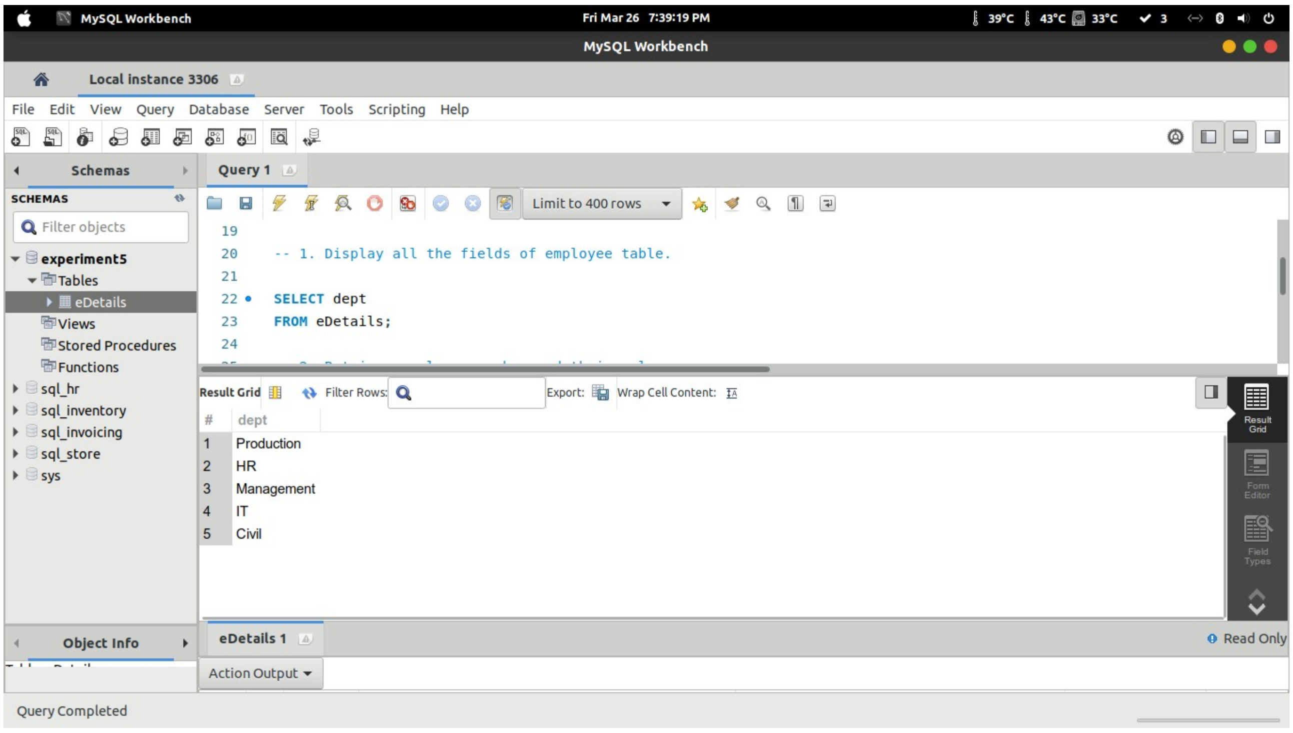
```
CREATE DATABASE experiment5;
USE experiment5;

CREATE TABLE eDetails (
    empNo INT NOT NULL,
    empName VARCHAR(20),
    dept VARCHAR(20),
    salary INT(10) NOT NULL,
    doj DATE NOT NULL,
    branch VARCHAR(20)
);

INSERT INTO eDetails (empNo, empName, dept, salary, doj, branch)
VALUES ('101', 'Amit', 'Production', 45000, '2000-12-03' , 'Bangalore'),
            ('102', 'Amit', 'HR', 70000, '2002-03-07' , 'Bangalore'),
      ('103', 'Sunita', 'Management', 120000, '2001-11-01' , 'Mysore'),
      ('104', 'Sunita', 'IT', 67000, '2001-01-08' , 'Mysore'),
      ('105', 'Mahesh', 'Civil', 145000, '2003-02-09' , 'Mumbai');
```

1. Display all the fields of employee table.

```
SELECT dept
FROM eDetails;
```



```
-- 1. Display all the fields of employee table.

SELECT dept
FROM eDetails;
```

```
#   dept
1   Production
2   HR
3   Management
4   IT
5   Civil
```

Query Completed

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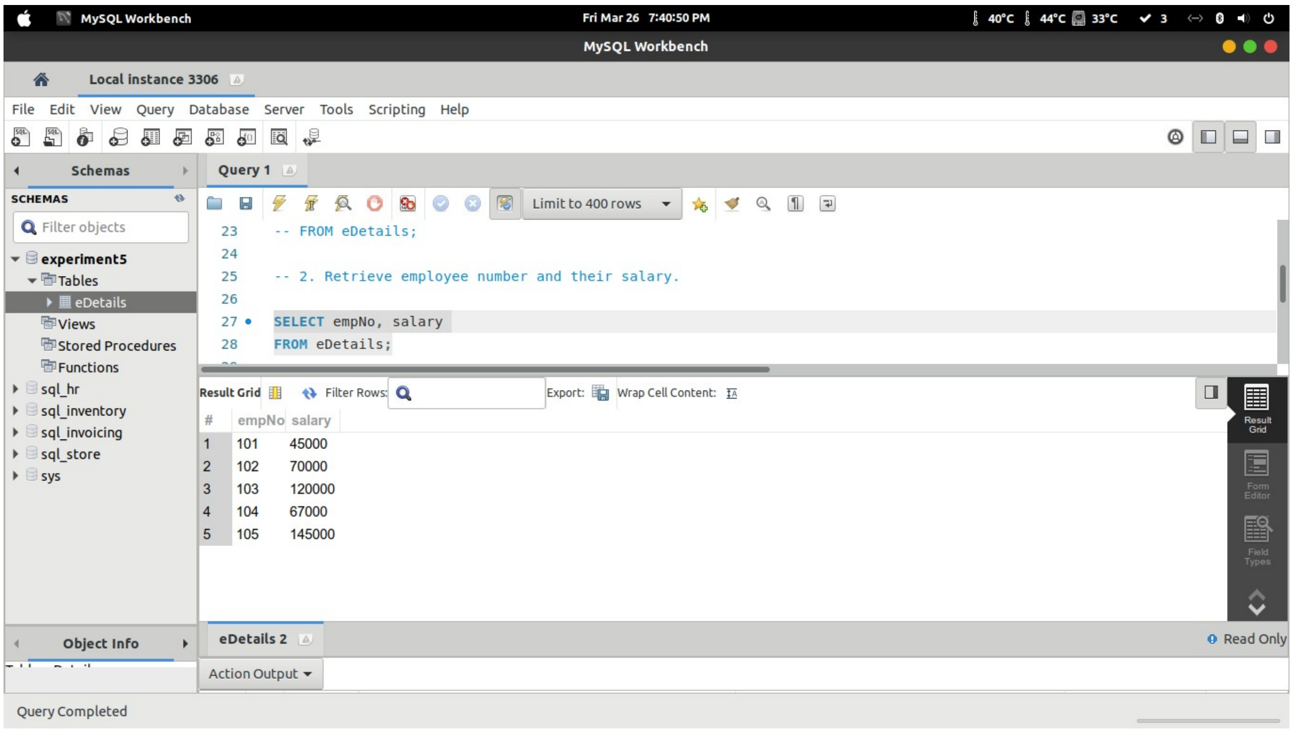
2. Retrieve employee number and their salary.

SELECT empNo, salary
FROM eDetails;



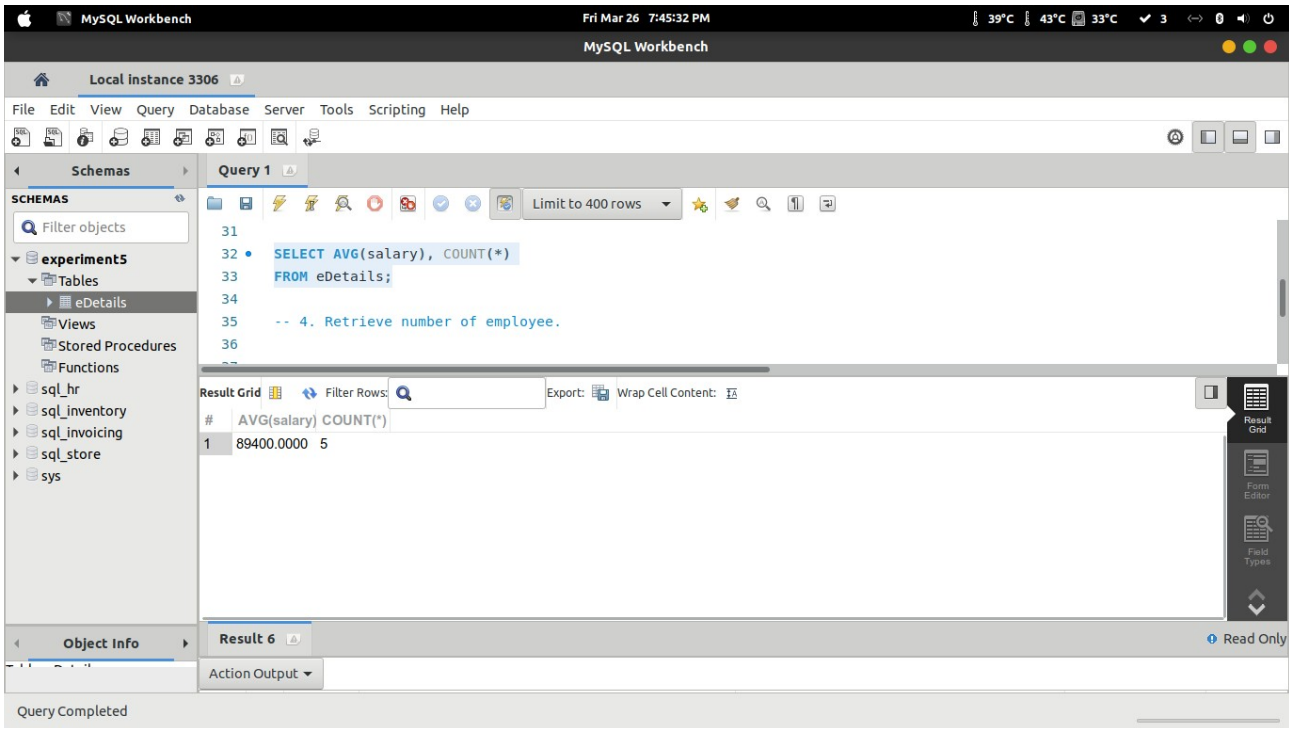
```
-- FROM eDetails;

-- 2. Retrieve employee number and their salary.

SELECT empNo, salary
FROM eDetails;
```

```
#   empNo  salary
1   101    45000
2   102    70000
3   103    120000
4   104    67000
5   105    145000
```

Query Completed

3. Retrieve average salary of all the employee.

SELECT AVG(salary), COUNT(*)
FROM eDetails;



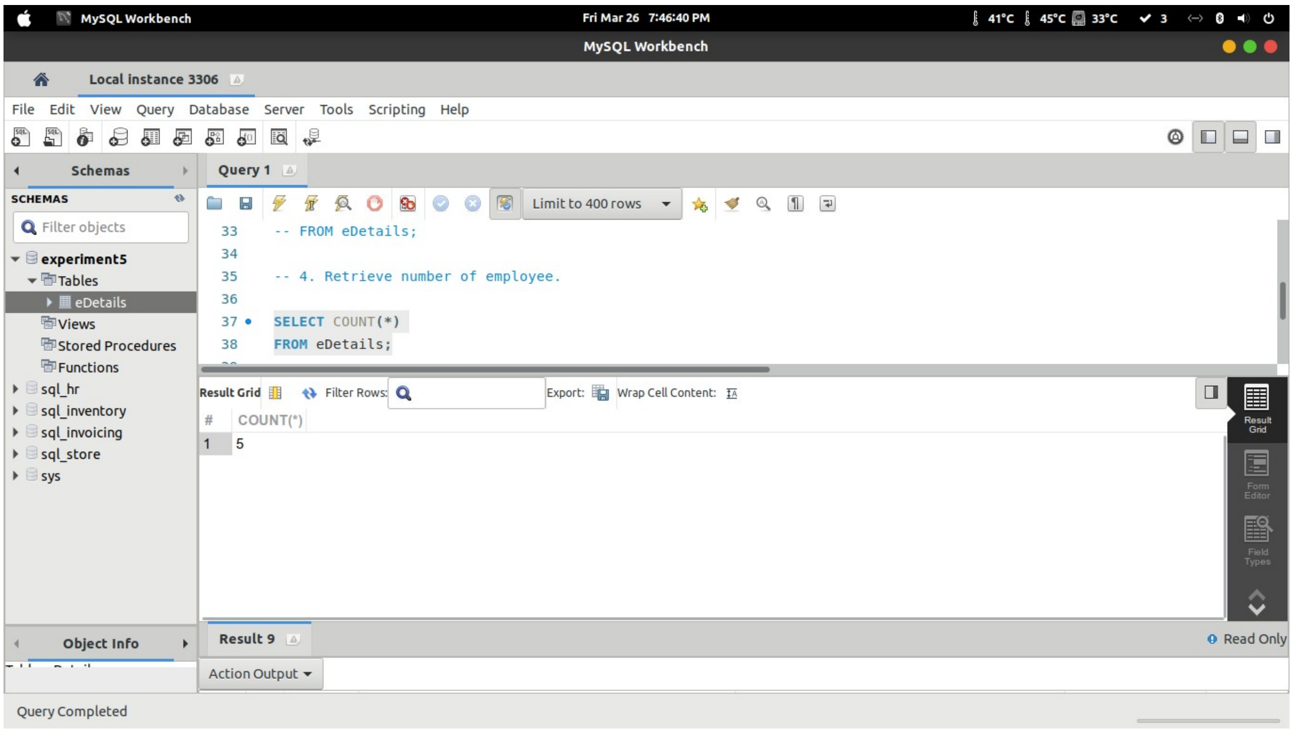
```
SELECT AVG(salary), COUNT(*)
FROM eDetails;

-- 4. Retrieve number of employee.
```

```
#  AVG(salary) COUNT(*)
1  89400.0000  5
```

Query Completed

4. Retrieve number of employee.

SELECT COUNT(*)
FROM eDetails;



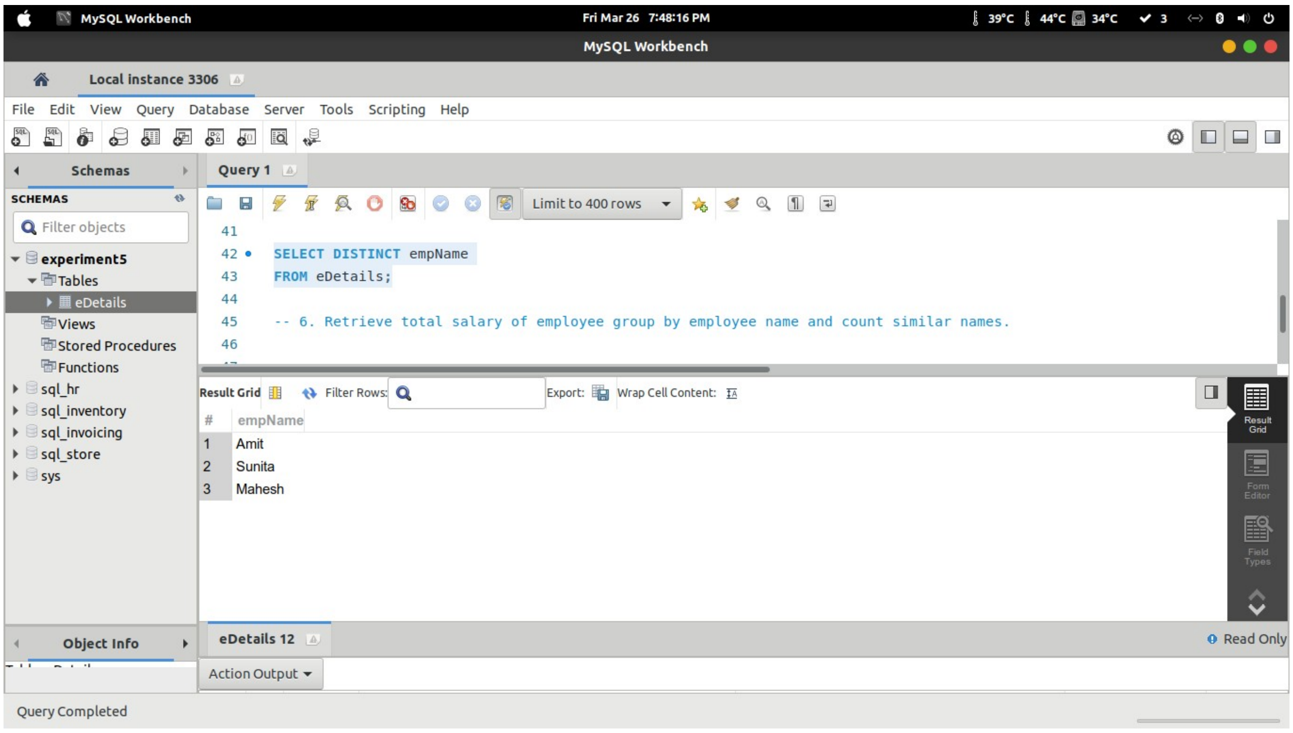
```
-- FROM eDetails;

-- 4. Retrieve number of employee.

SELECT COUNT(*)
FROM eDetails;
```

```
#  COUNT(*)
1  5
```

Query Completed

5. Retrieve distinct number of employee.

SELECT DISTINCT empName
FROM eDetails;



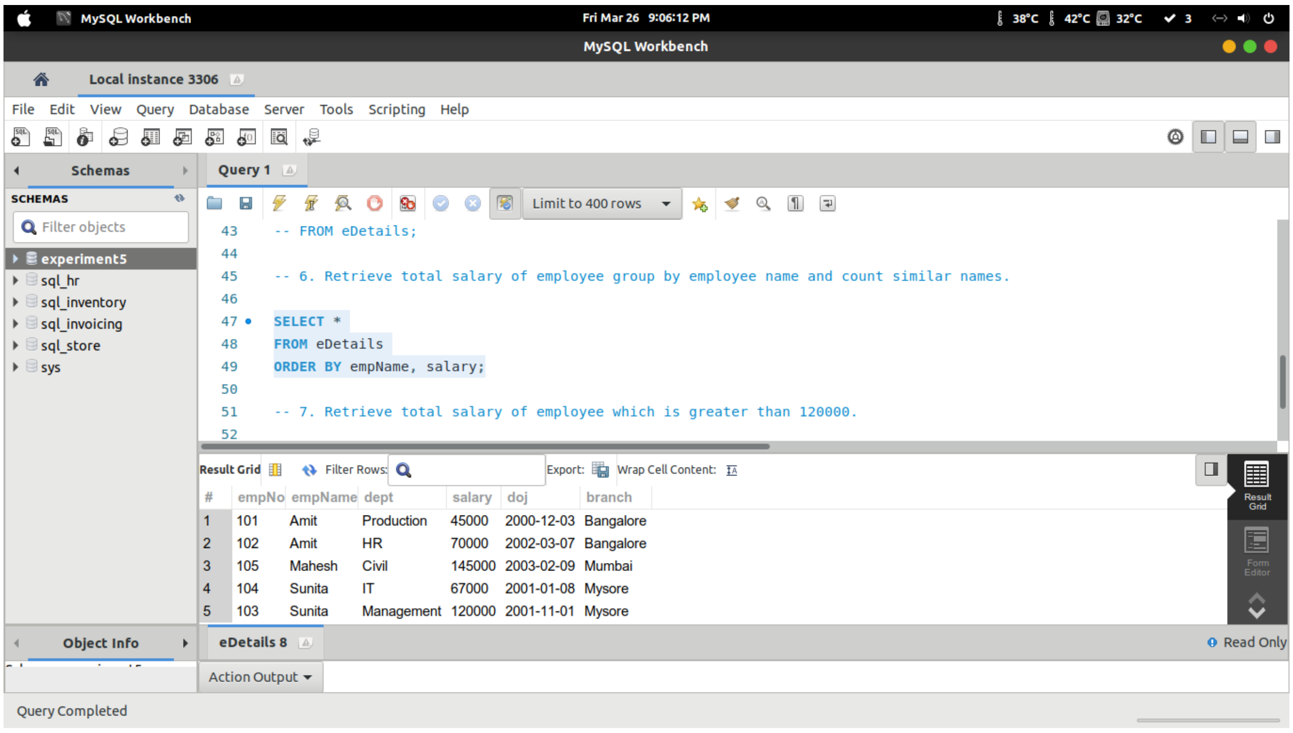
```
SELECT DISTINCT empName
FROM eDetails;

-- 6. Retrieve total salary of employee group by employee name and count similar names.
```

#	empName
1	Amit
2	Sunita
3	Mahesh

Query Completed

6. Retrieve total salary of employee group by employee name and count similar names.

SELECT *
FROM eDetails
ORDER BY empName, salary;



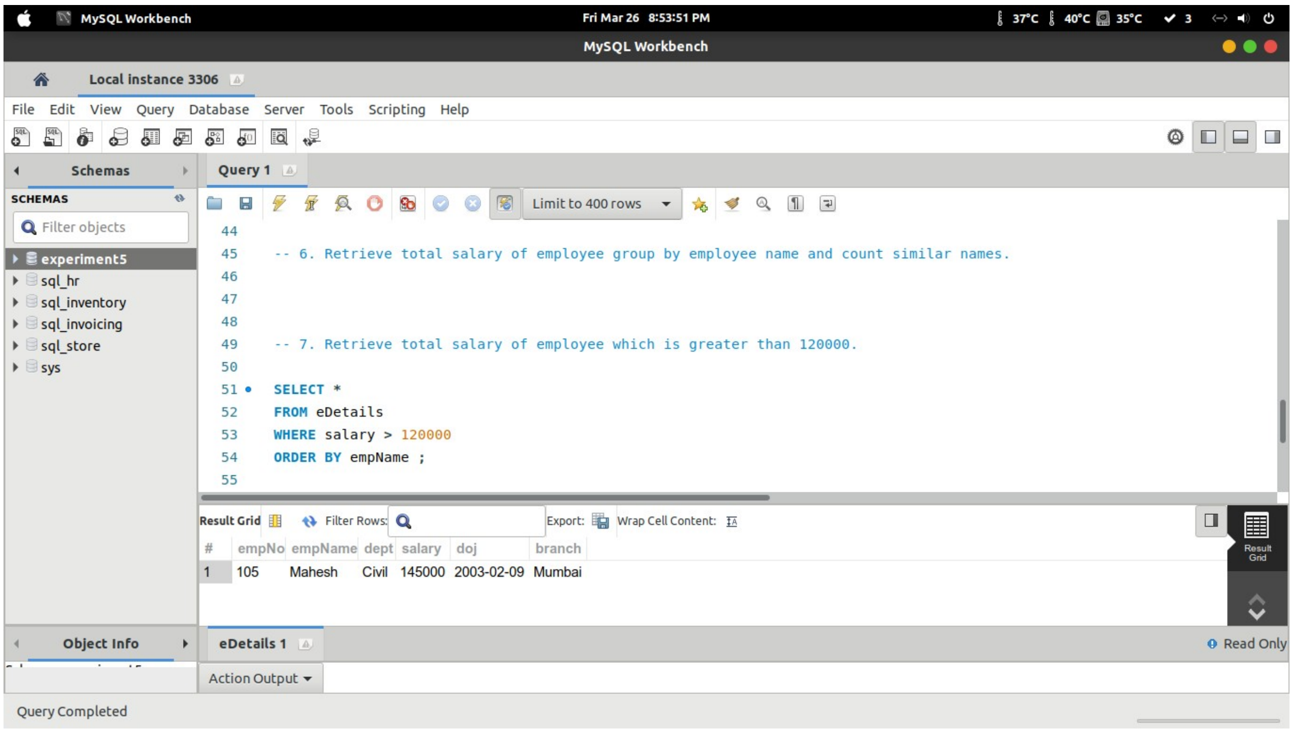
```
-- FROM eDetails;

-- 6. Retrieve total salary of employee group by employee name and count similar names.

SELECT *
FROM eDetails
ORDER BY empName, salary;

-- 7. Retrieve total salary of employee which is greater than 120000.
```

#	empNo	empName	dept	salary	doj	branch
1	101	Amit	Production	45000	2000-12-03	Bangalore
2	102	Amit	HR	70000	2002-03-07	Bangalore
3	105	Mahesh	Civil	145000	2003-02-09	Mumbai
4	104	Sunita	IT	67000	2001-01-08	Mysore
5	103	Sunita	Management	120000	2001-11-01	Mysore

Query Completed

7. Retrieve total salary of employee which is greater than 120000.

SELECT *
FROM eDetails
WHERE salary > 120000
ORDER BY empName ;

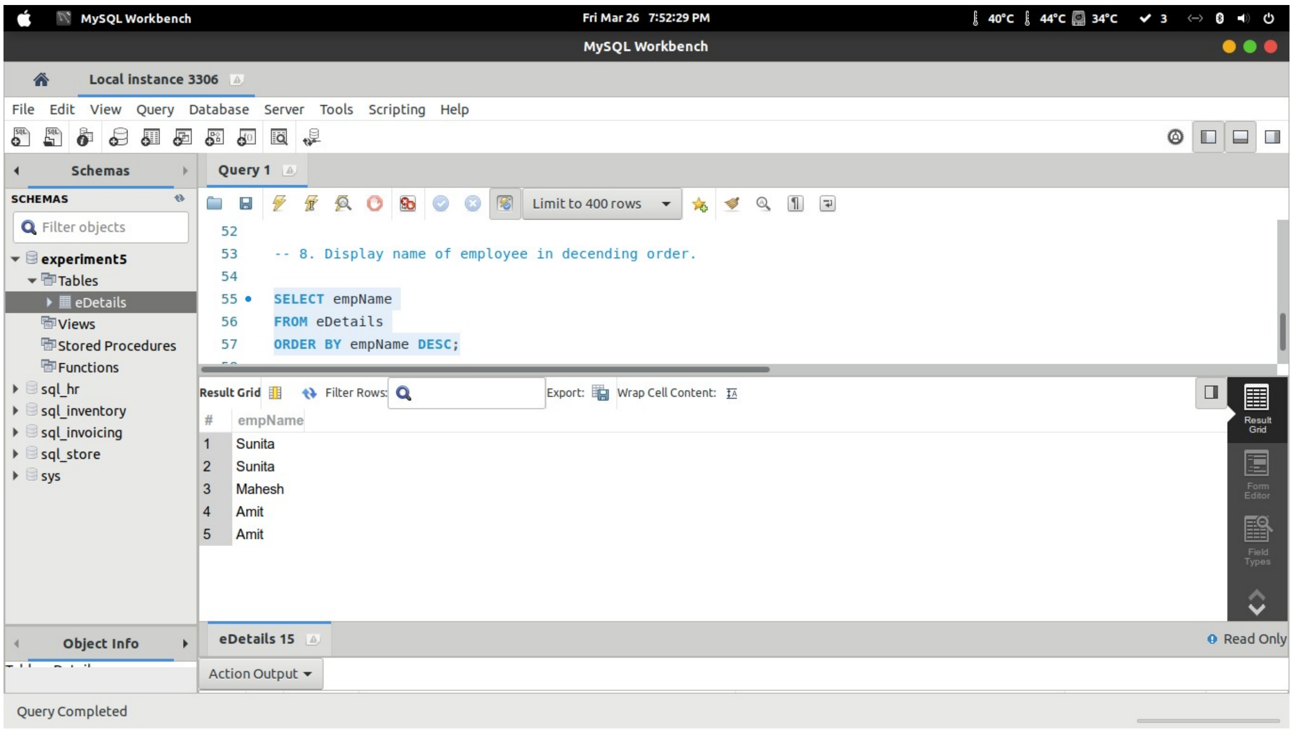


```
-- 6. Retrieve total salary of employee group by employee name and count similar names.



-- 7. Retrieve total salary of employee which is greater than 120000.

SELECT *
FROM eDetails
WHERE salary > 120000
ORDER BY empName ;
```

#	empNo	empName	dept	salary	doj	branch
1	105	Mahesh	Civil	145000	2003-02-09	Mumbai

8. Display name of employee in decending order.

SELECT empName
FROM eDetails
ORDER BY empName DESC;



```
-- 8. Display name of employee in decending order.

SELECT empName
FROM eDetails
ORDER BY empName DESC;
```

```
#  empName
1  Sunita
2  Sunita
3  Mahesh
4  Amit
5  Amit
```

eDetails 15

Query Completed

9. Display the name of employee whose name is Amit and salary is greater than 50000.

SELECT empNo, empName
FROM eDetails
WHERE empName LIKE 'A%' AND salary > 50000;

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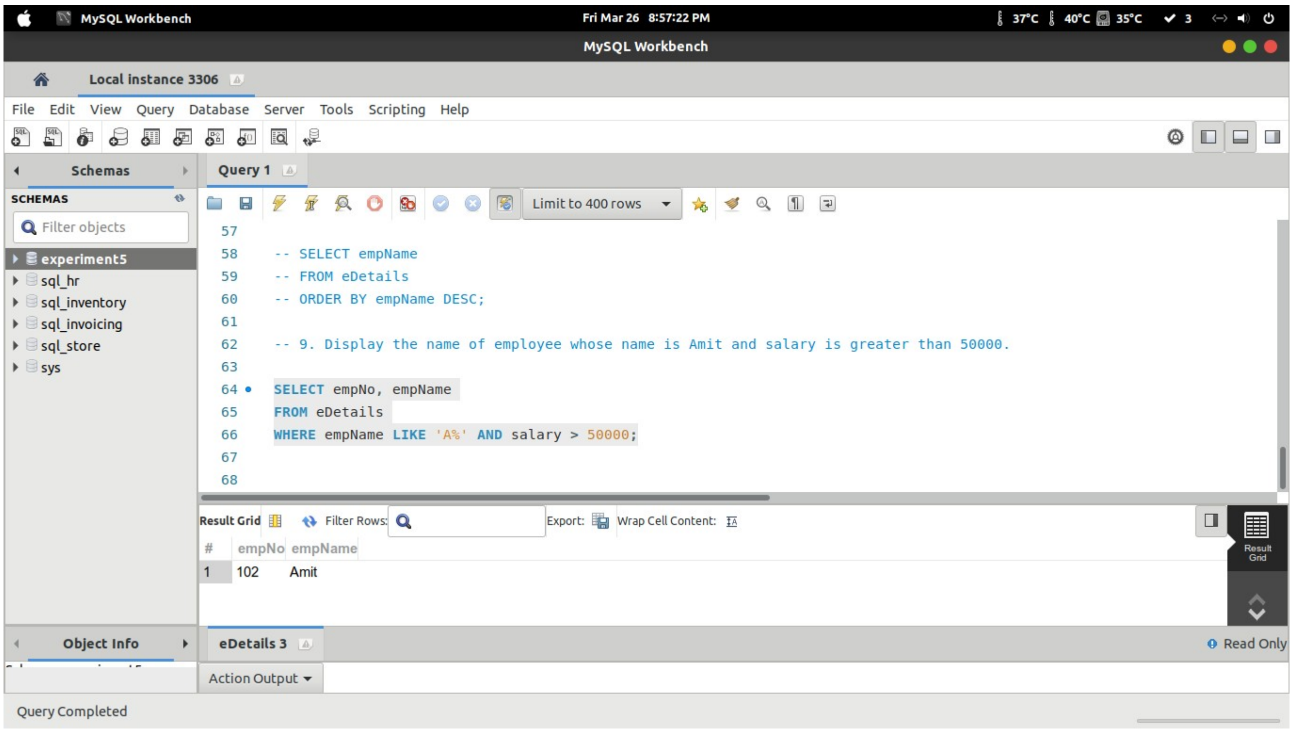

```
-- SELECT empName
-- FROM eDetails
-- ORDER BY empName DESC;

-- 9. Display the name of employee whose name is Amit and salary is greater than 50000.

SELECT empNo, empName
FROM eDetails
WHERE empName LIKE 'A%' AND salary > 50000;
```

```
#   empNo  empName
1   102    Amit
```

Query Completed