Answer Sheet - SQL

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Major Question 1

A) List the salary of all the employees.

```
SELECT salary FROM employee;
```

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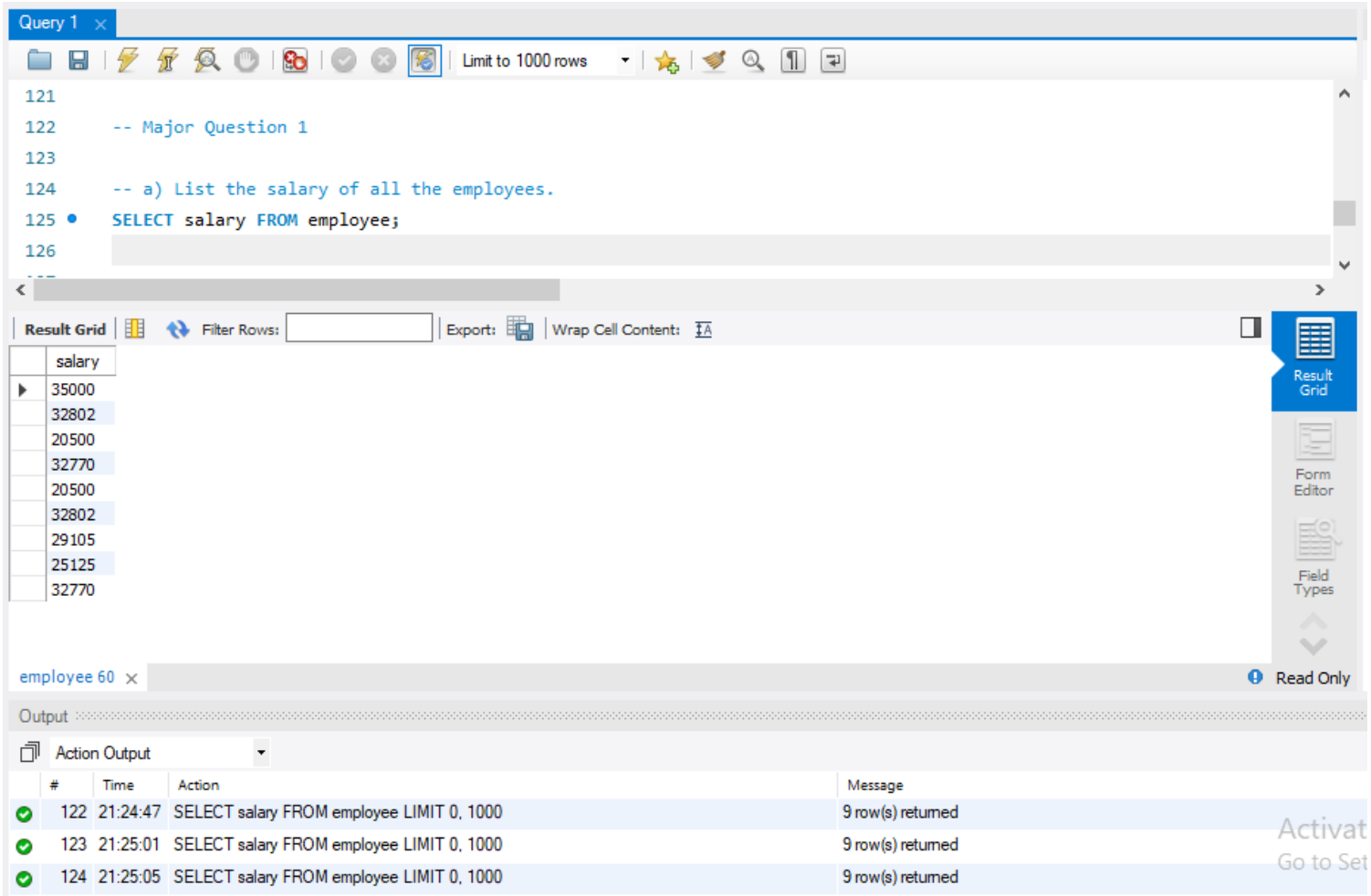

B) Display the names of all employees with any “A” at any place of the name.

```
SELECT ename FROM employee WHERE ename LIKE '%a%' OR ename LIKE 'a%' OR ename LIKE '%a';
```

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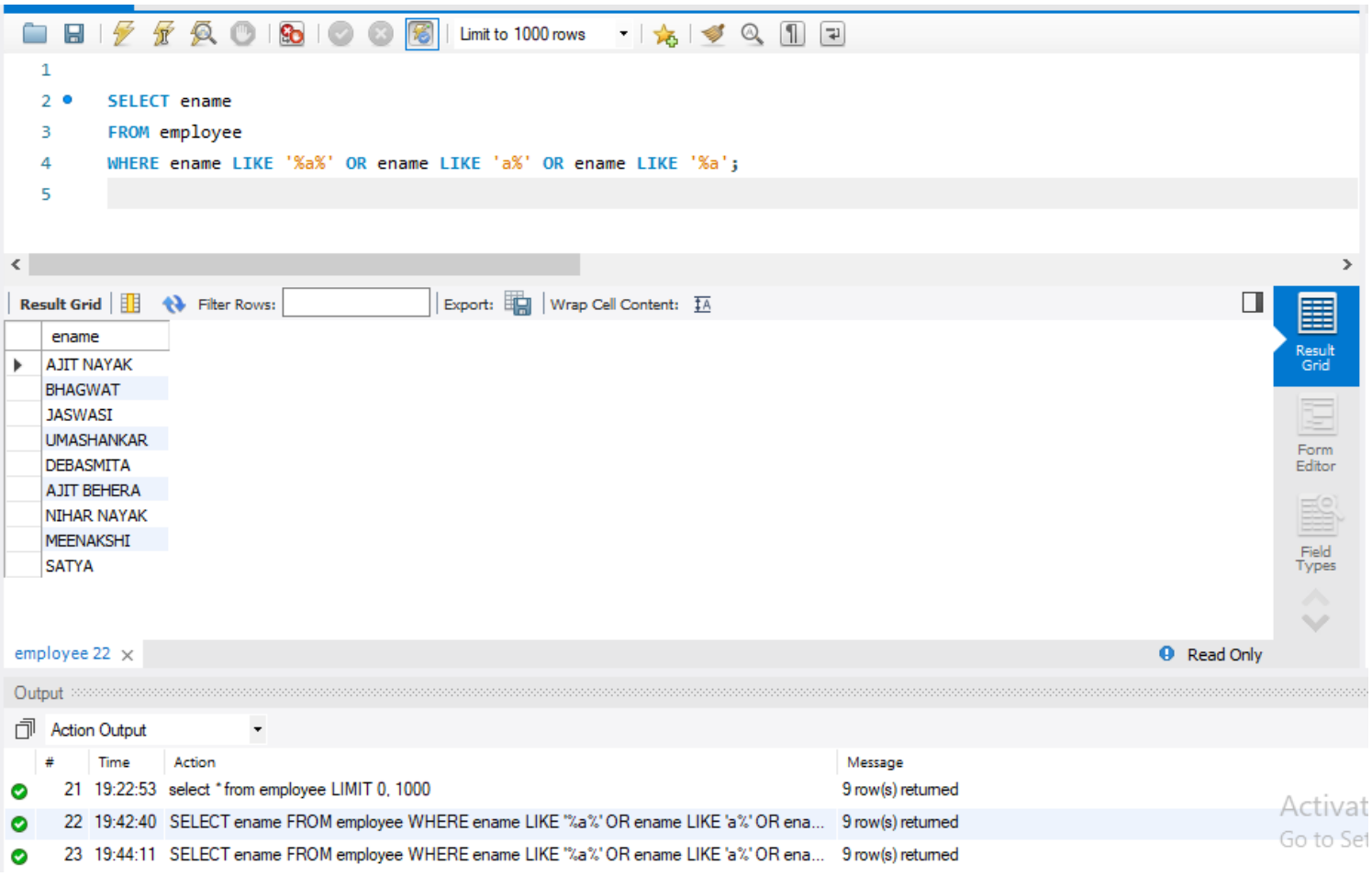

C) Show all employees who were hired in the first half of the month (Before the 16th of the month).

```
SELECT em.ename, dp.MGRSTARTD from employee as em
inner join department as dp on em.dno = dp.dnumber where day(dp.mgrstartd)
<16;
```

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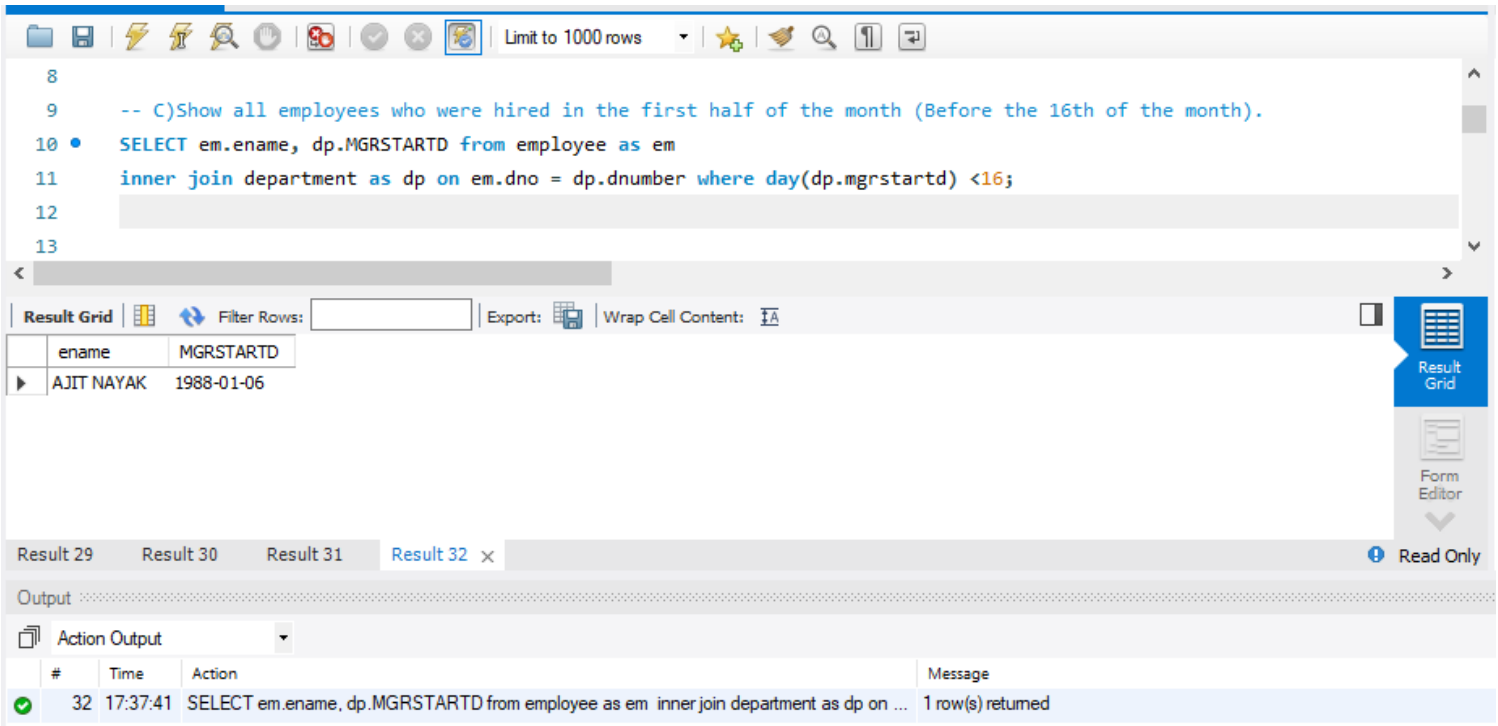

D) Display the name of all female employees.

```
SELECT ename FROM employee WHERE sex="F";
```

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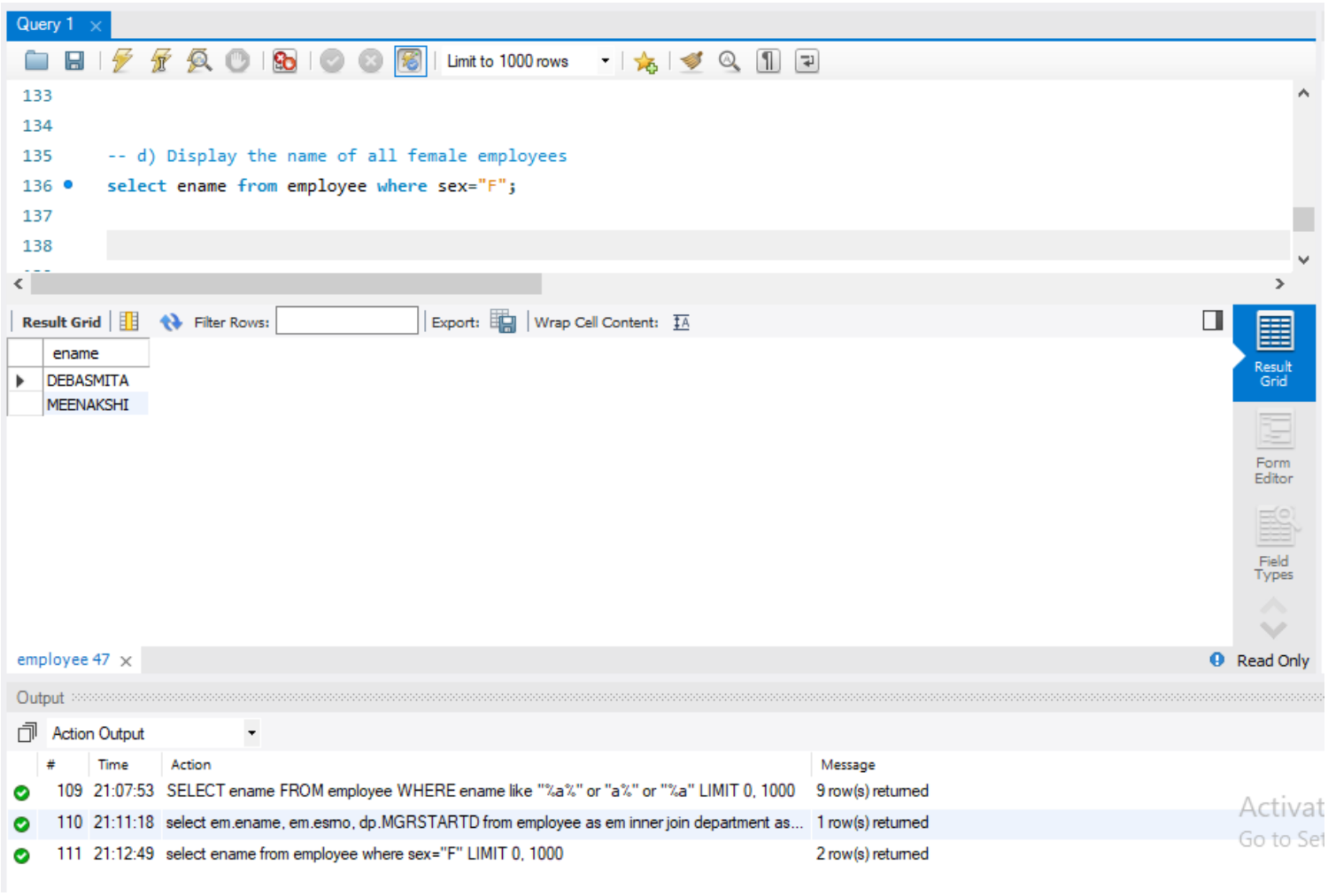

E) Display the employee who is paid most in the company.

```
SELECT ename, salary FROM employee WHERE salary = (SELECT max(salary) FROM employee);
```

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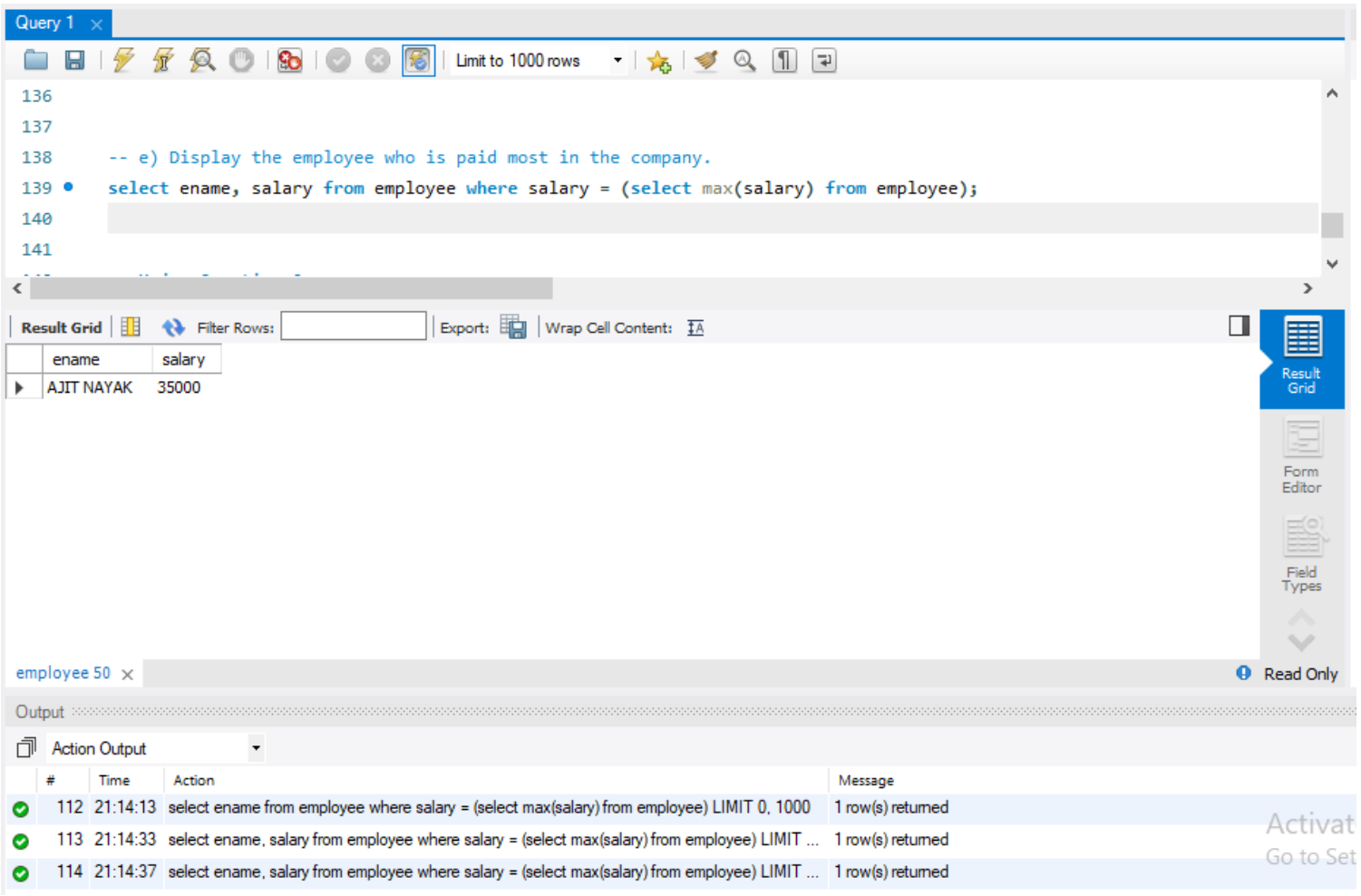
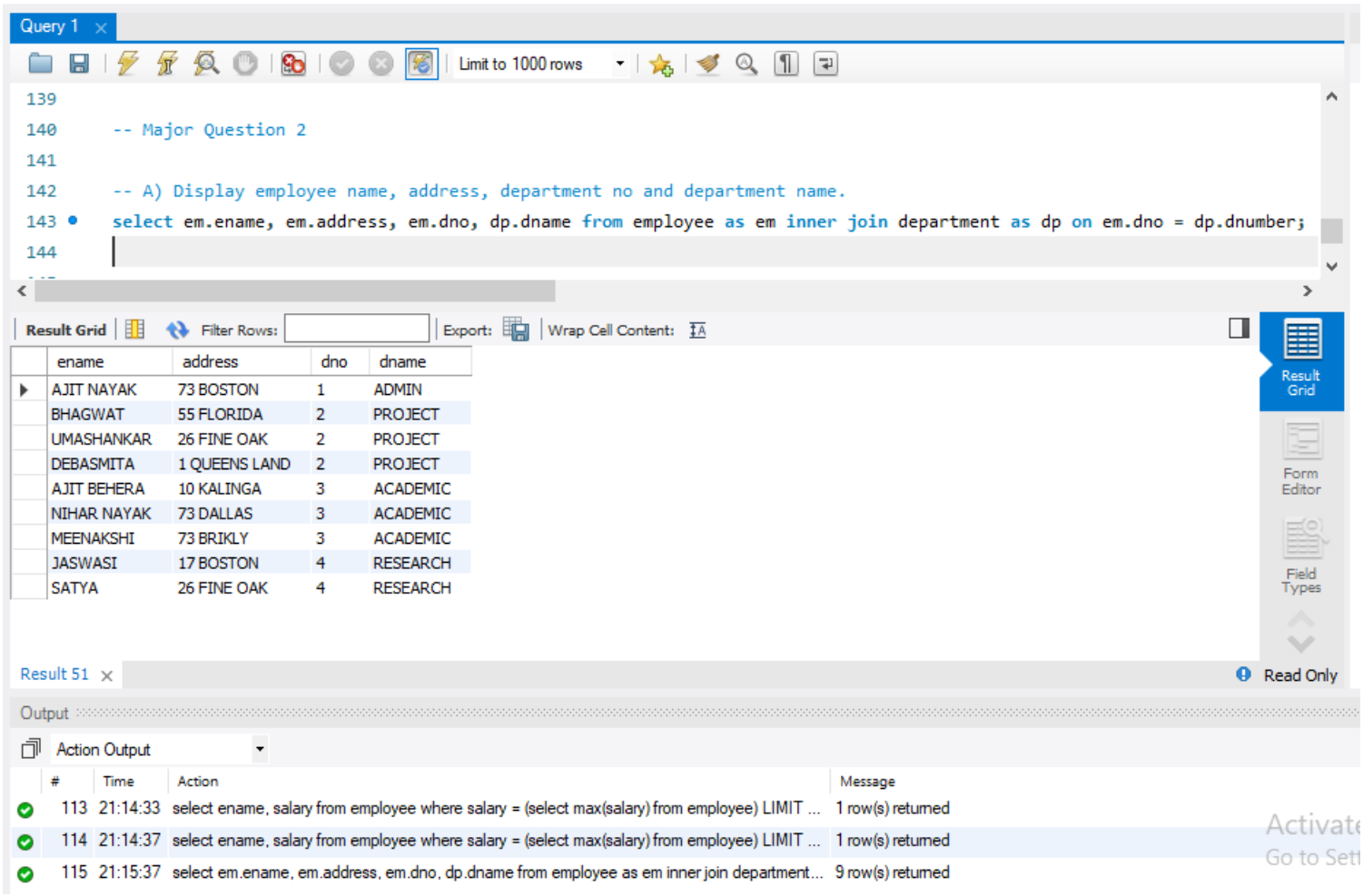


Major Question 2

A) Display employee name, address, department no and department name.

```
SELECT em.ename, em.address, em.dno, dp.dname FROM employee as em
inner join department as dp on em.dno = dp.dnumber;
```

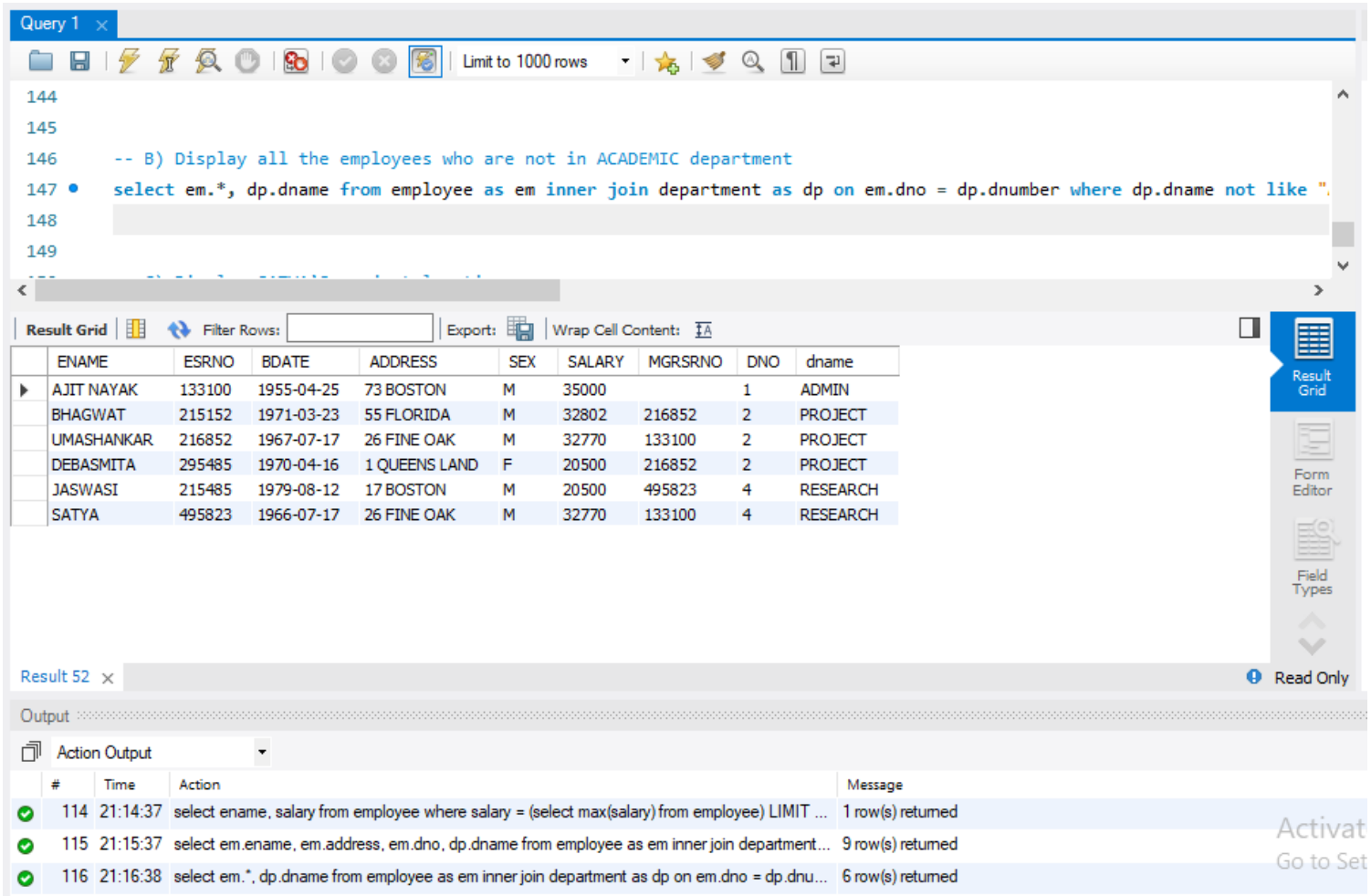
Insert Image –



B) Display all the employees who are *not in* ACADEMIC department

```
SELECT em.*, dp.dname FROM employee as em inner join department as dp
on em.dno = dp.dnumber WHERE dp.dname not like "Academic";
```

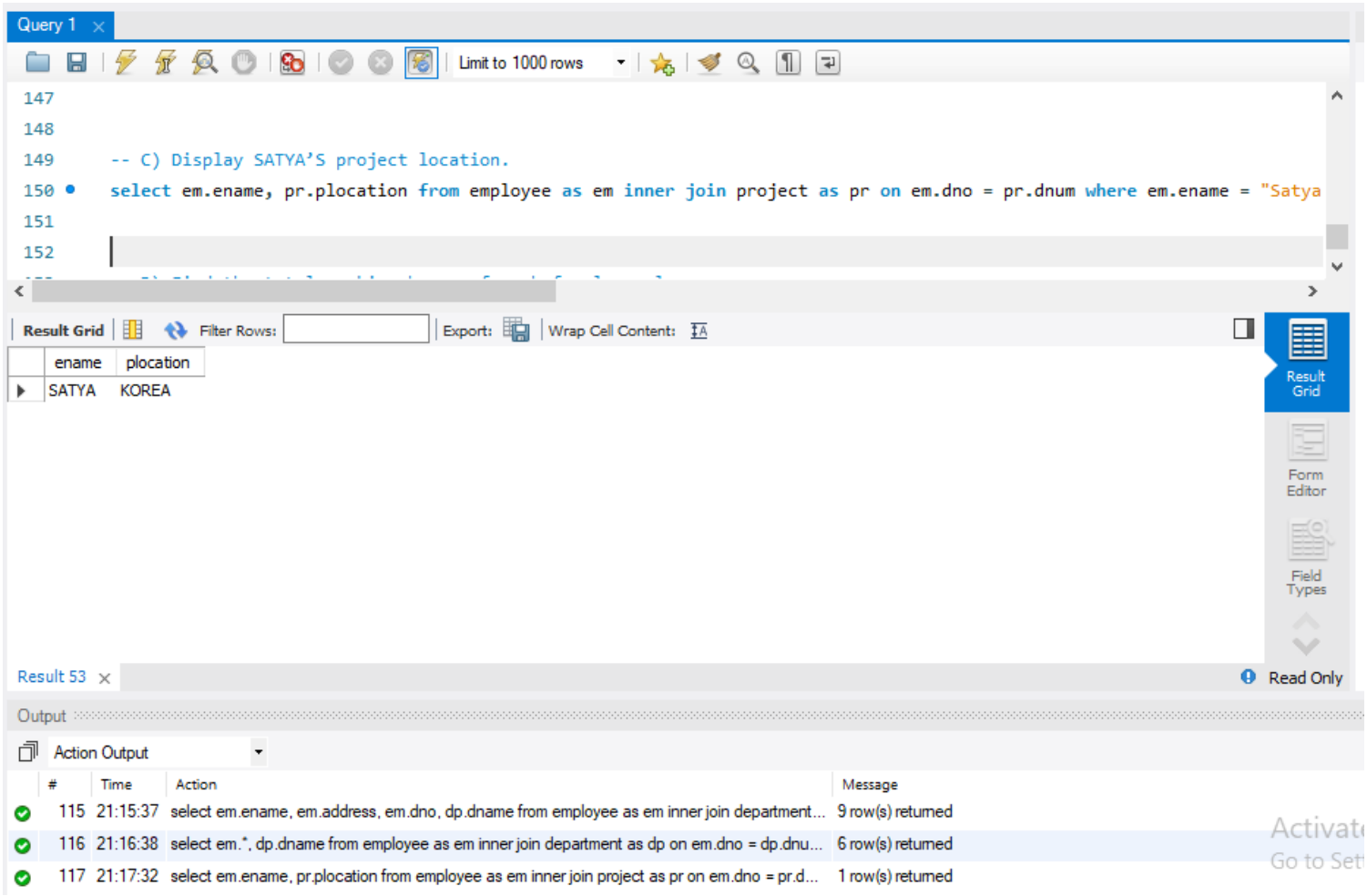
Insert Image –



C) Display SATYAS' project location.

```
SELECT em.ename, pr.plocation FROM employee as em inner join project as pr on em.dno = pr.dnum WHERE em.ename = "Satya";
```

Insert Image -



D) Find the total working hours of *each* female employee.

```
SELECT em.ename, sum(wr.hours) as Tot_Wor_Hours FROM employee as em inner join works_on as wr on em.esrno = wr.esrno where em.sex = "F" GROUP BY em.ename;
```

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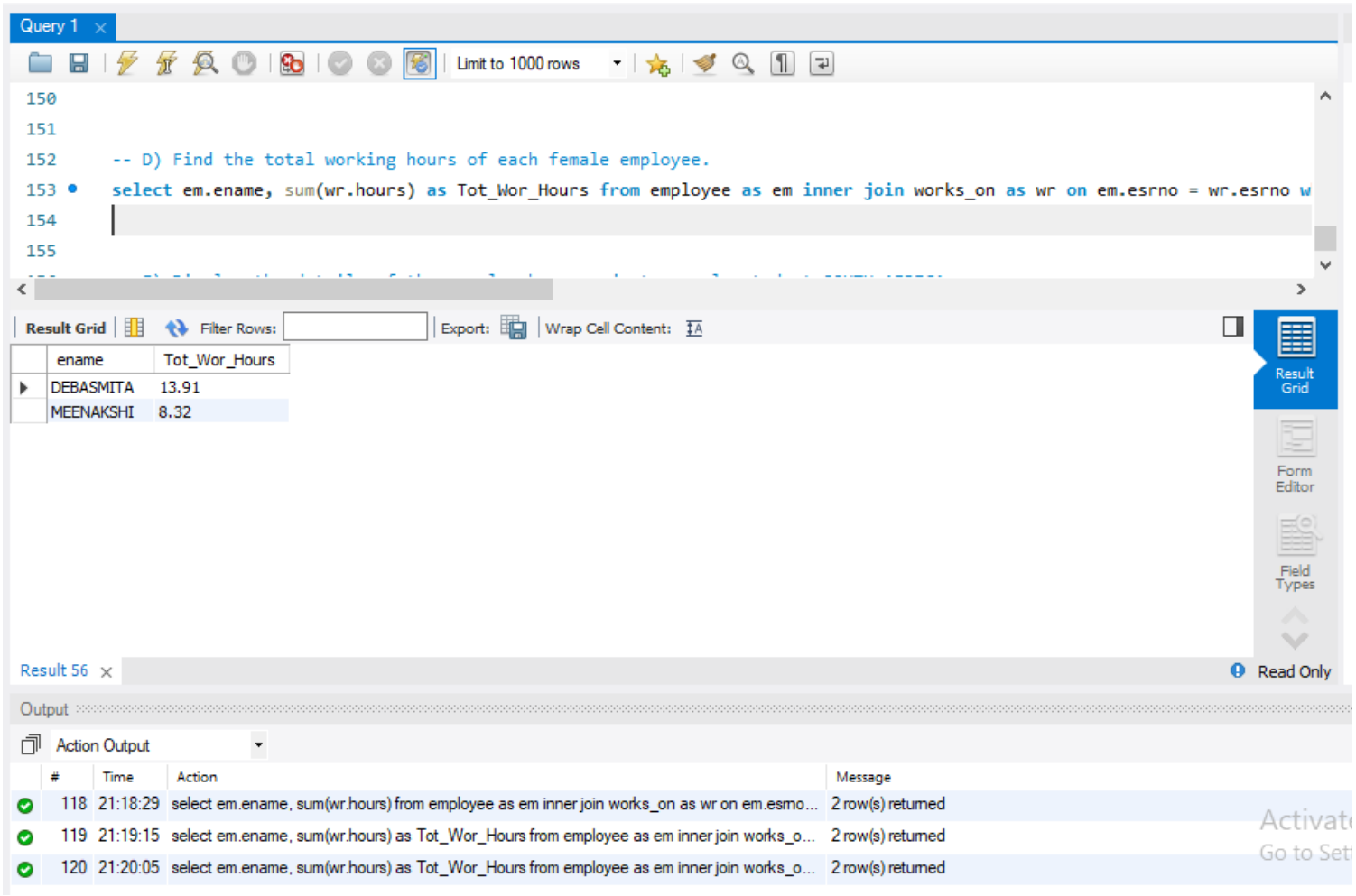

E) Display the details of the people whose projects are located at SOUTH AFRICA.

```
SELECT em.*, pr.plocation FROM employee as em inner join project as pr on em.dno = pr.dnum WHERE pr.plocation = "South Africa";
```

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