ORACLE Database Express Edition

User: SYSTEM

Home > SQL > SQL Commands

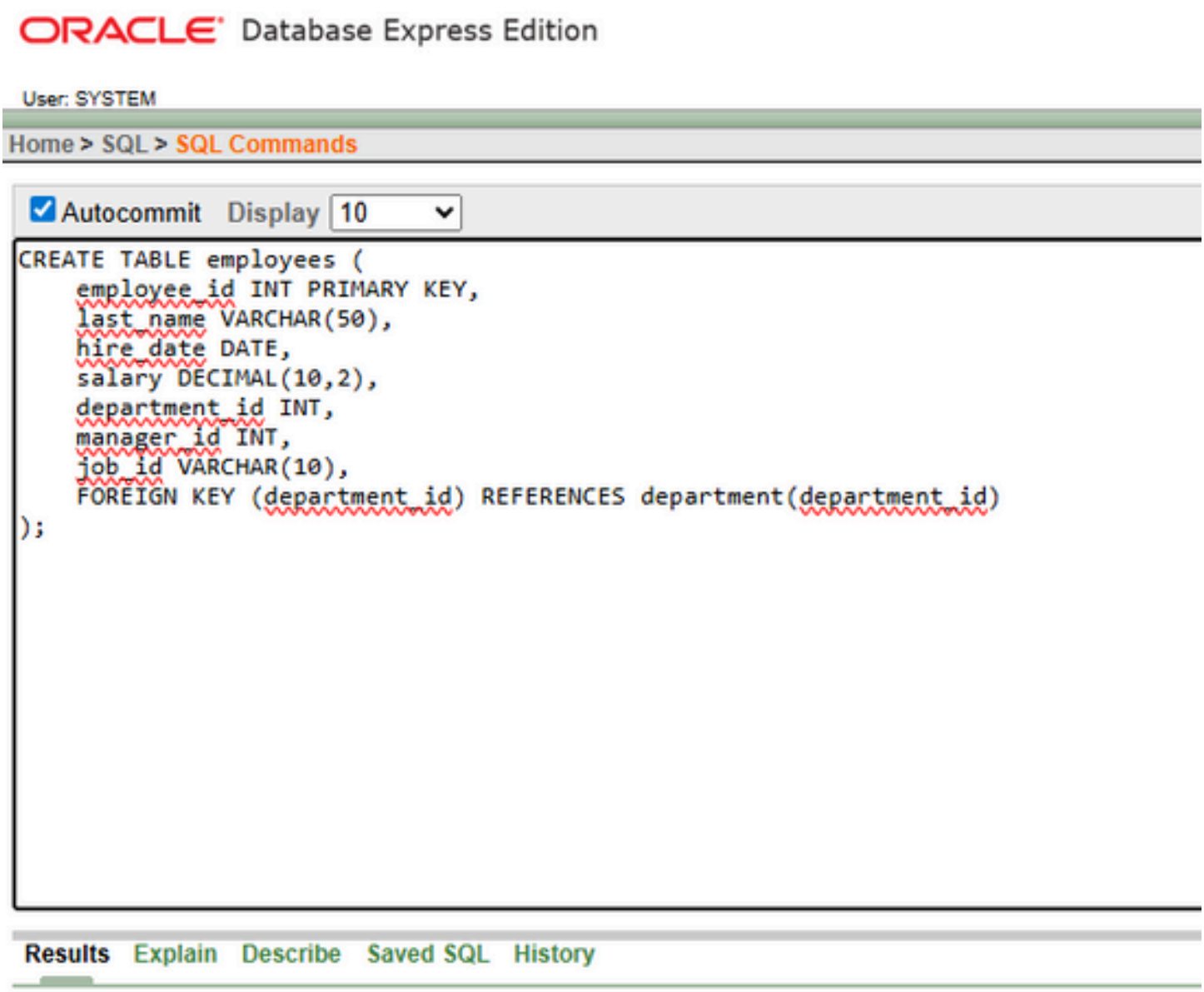
Autocommit Display 10

```
CREATE TABLE department (
    department_id INT PRIMARY KEY,
    department_name VARCHAR(50),
    location_id INT
);
```

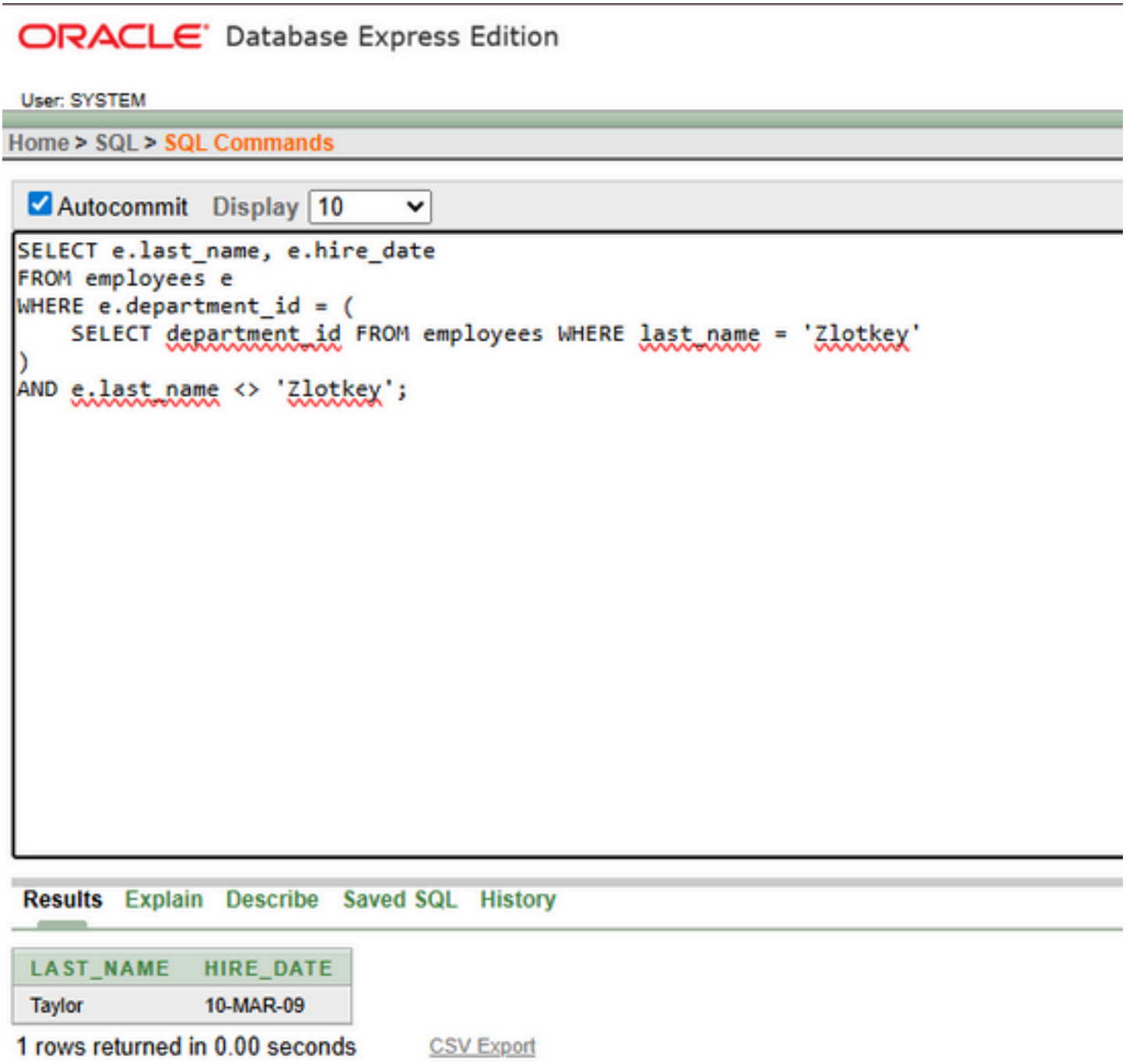
Results Explain Describe Saved SQL History

Table created.

0.00 seconds

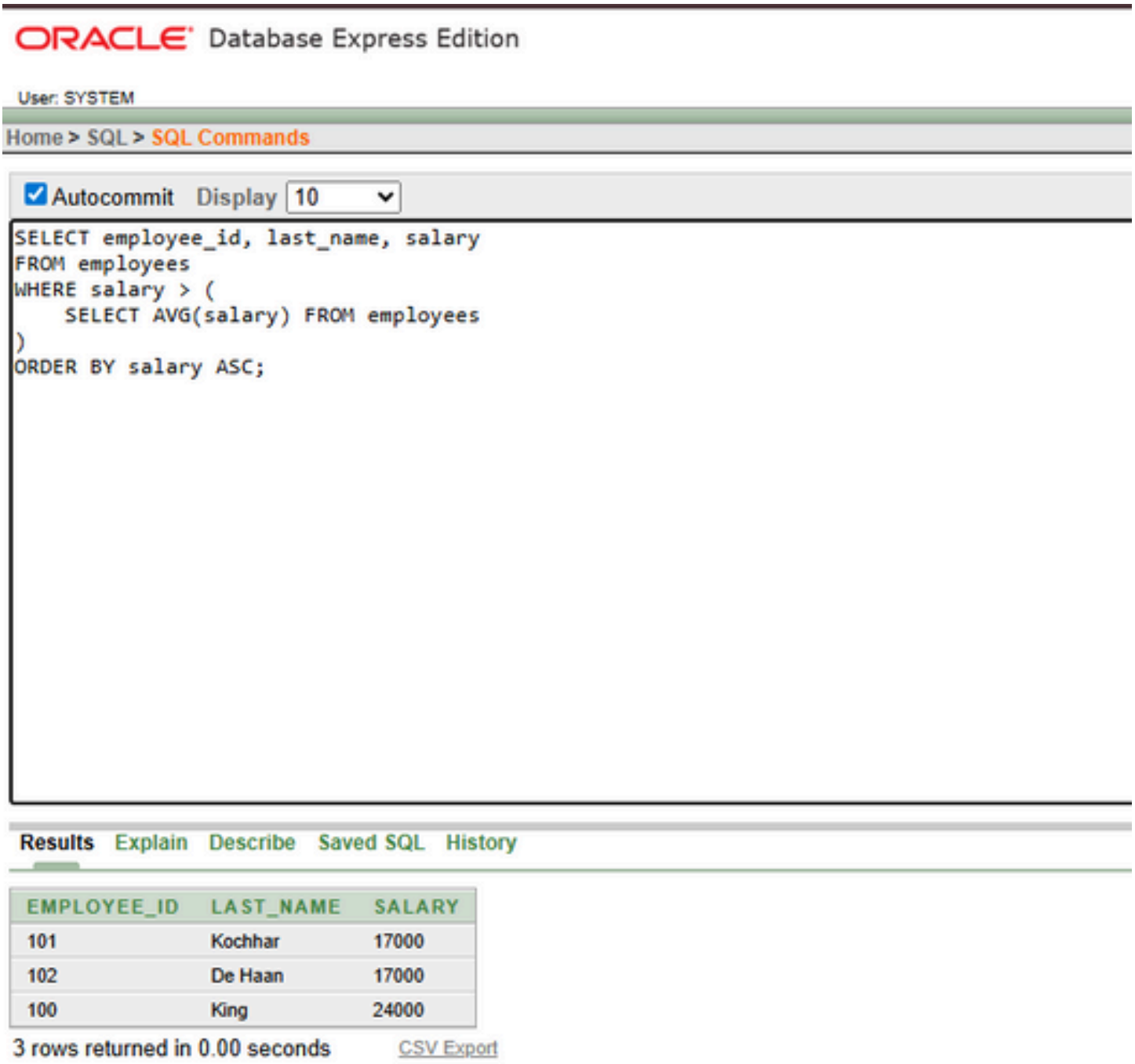


1. The HR department needs a query that prompts the user for an employee last name. The query then displays the last name and hire date of any employee in the same department as the employee whose name they supply (excluding that employee). For example, if the user enters Zlotkey, find all employees who work with Zlotkey (excluding Zlotkey).



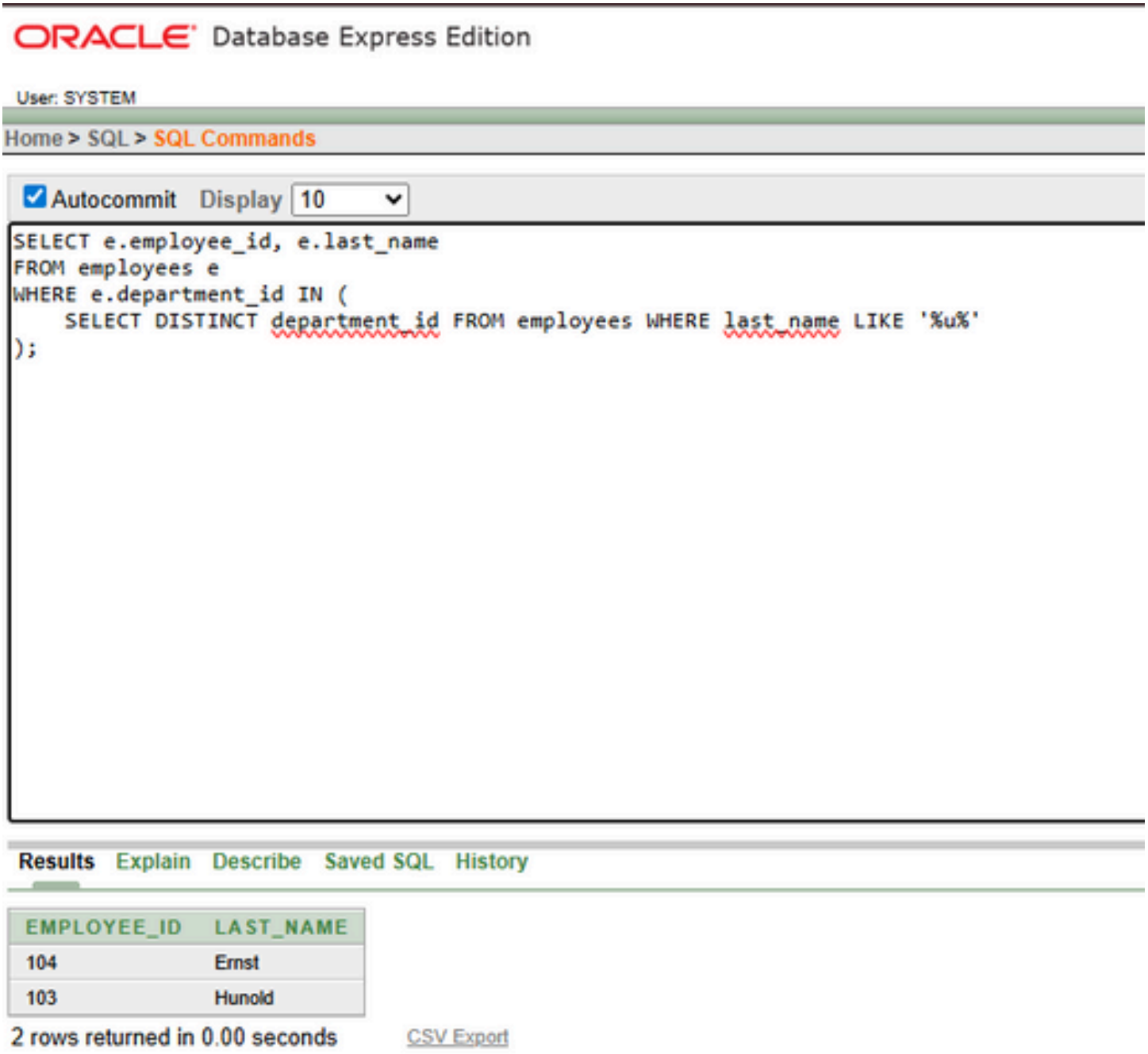
2. Create a report that displays the employee number, last name, and salary of all employees

who earn more than the average salary. Sort the results in order of ascending salary.



3. Write a query that displays the employee number and last name of all employees who work

in a department with any employee whose last name contains a u.



4. The HR department needs a report that displays the last name, department number, and job

ID of all employees whose department location ID is 1700.

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```
SELECT e.last_name, e.department_id, e.job_id
FROM employees e
JOIN department d ON e.department_id = d.department_id
WHERE d.location_id = 1700;
```

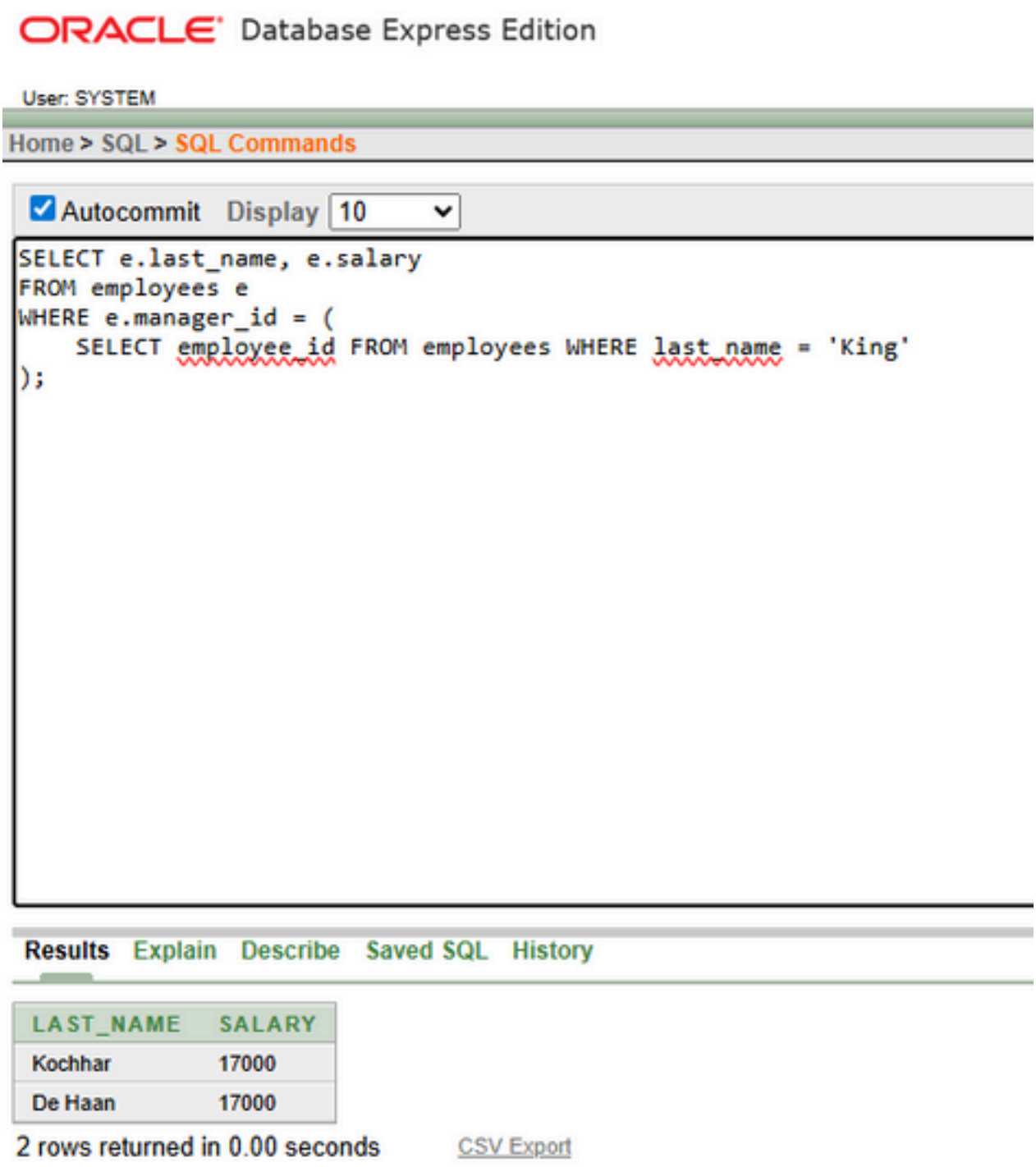
Results Explain Describe Saved SQL History

LAST_NAME	DEPARTMENT_ID	JOB_ID
King	30	AD_PRES
Kochhar	30	AD_VP
De Haan	30	AD_VP
Grant	10	AD_ASST

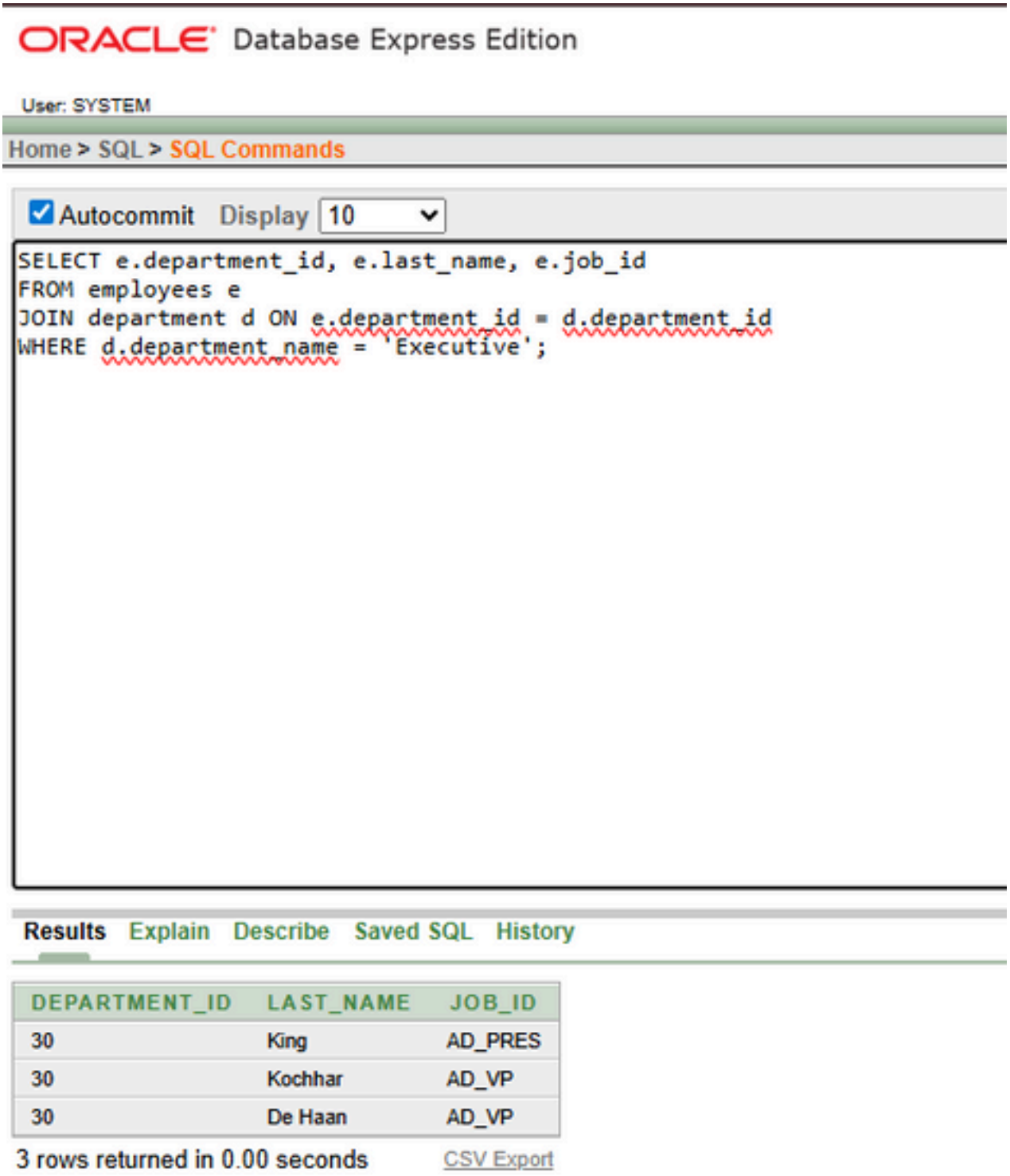
4 rows returned in 0.00 seconds CSV Export

5. Create a report for HR that displays the last name and salary of every employee who reports

to King.



6. Create a report for HR that displays the department number, last name, and job ID for every employee in the Executive department.



7.Modify the query 3 to display the employee number, last name, and salary of all employees who earn more than the average salary and who work in a department with any employee whose last name contains a u.

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```
SELECT e.employee_id, e.last_name, e.salary
FROM employees e
WHERE e.salary > (
    SELECT AVG(salary) FROM employees
)
AND e.department_id IN (
    SELECT DISTINCT department_id FROM employees WHERE last_name LIKE '%u%'
);
```

Results Explain Describe Saved SQL History

EMPLOYEE_ID	LAST_NAME	SALARY
109	Murphy	12000

1 rows returned in 0.00 seconds CSV Export