DATABASE MANAGEMENT SYSTEM
CS23332

EXERCISE 5
RESTRICTING AND SORTING DATA

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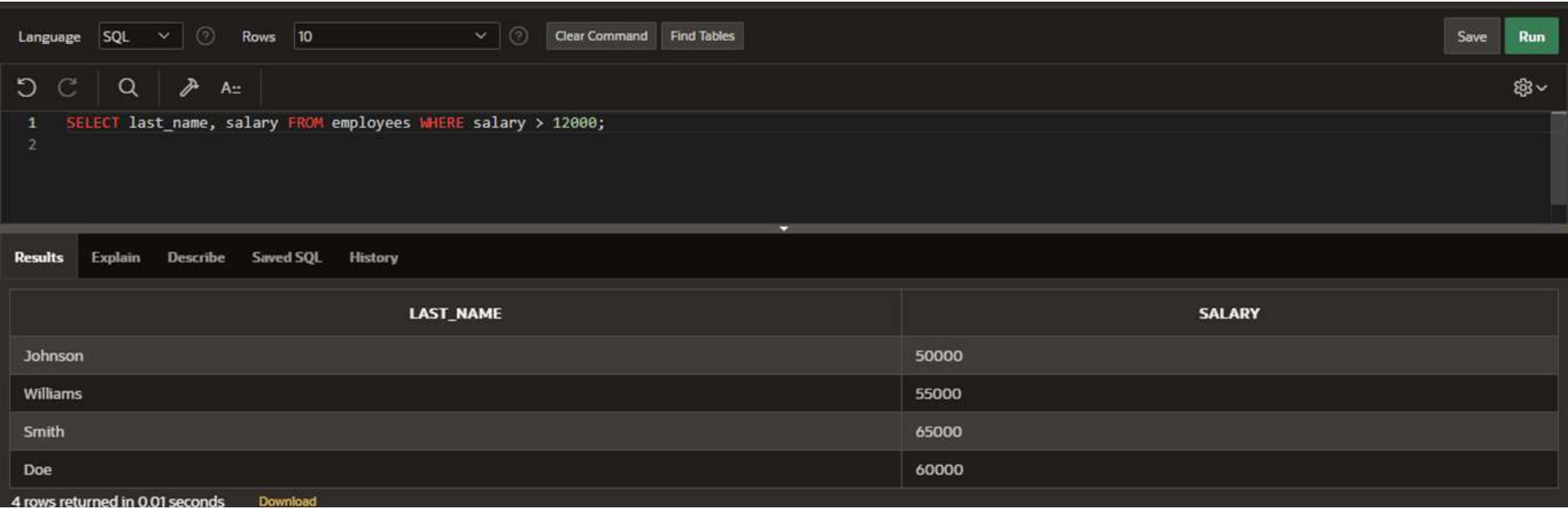
1. Create a query to display the last name and salary of employees earning more than 12000.



2. Create a query to display the employee last name and department number for employee number 176.

3. Display the employee last name, job ID, and start date of employees hired between February 20,1998 and May 1,1998.order the query in ascending order by start date.(hints: between)

4. Create a query to display the last name and salary of employees whose salary is not in the range of 5000 and 12000. (hints: not between)

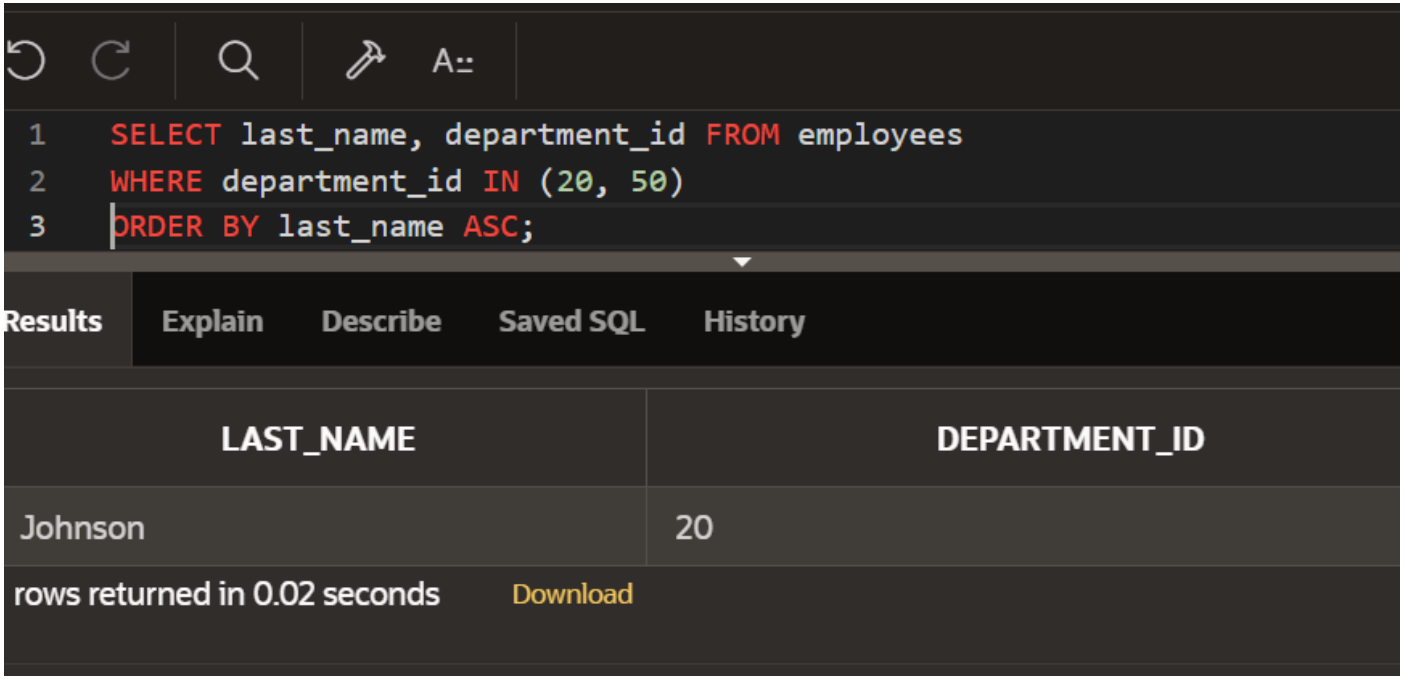
```
1  SELECT last_name, salary FROM employees WHERE salary NOT BETWEEN 5000 AND 12000;
2
3
```

Results | Explain | Describe | Saved SQL | History

LAST_NAME	SALARY
Johnson	50000
Williams	55000
Smith	65000
Doe	60000

4 rows returned in 0.01 seconds Download

5. Display the last name and department number of all employees in departments 20 and 50 in alphabetical order by name.(hints: in, orderby)



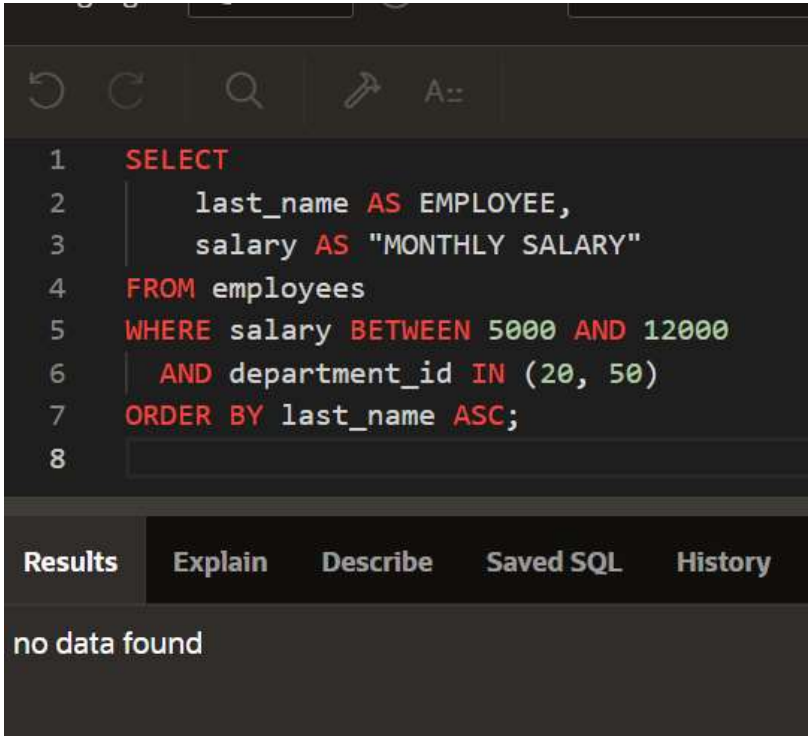
```
1  SELECT last_name, department_id FROM employees
2  WHERE department_id IN (20, 50)
3  ORDER BY last_name ASC;
```

Results | Explain | Describe | Saved SQL | History

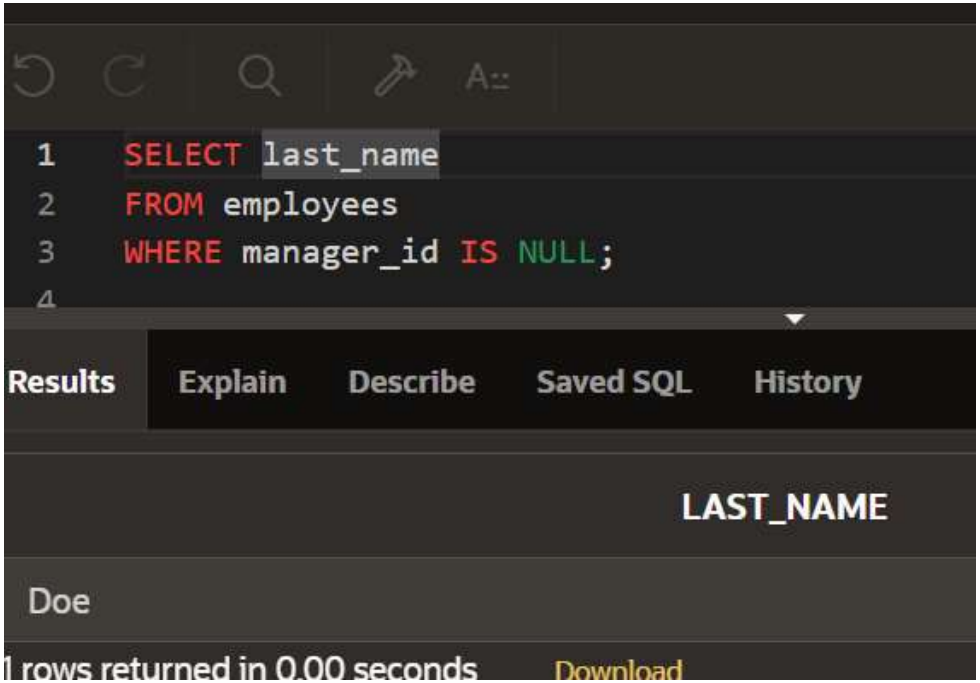
LAST_NAME	DEPARTMENT_ID
Johnson	20

rows returned in 0.02 seconds Download

6. Display the last name and salary of all employees who earn between 5000 and 12000 and are in departments 20 and 50 in alphabetical order by name. Label the columns EMPLOYEE,MONTHLY SALARY respectively.(hints: between, in)



8. Display the last name and job title of all employees who do not have a manager.(hints: is



7. Display the last name and hire date of every employee who was hired in 1994.(hints: like)