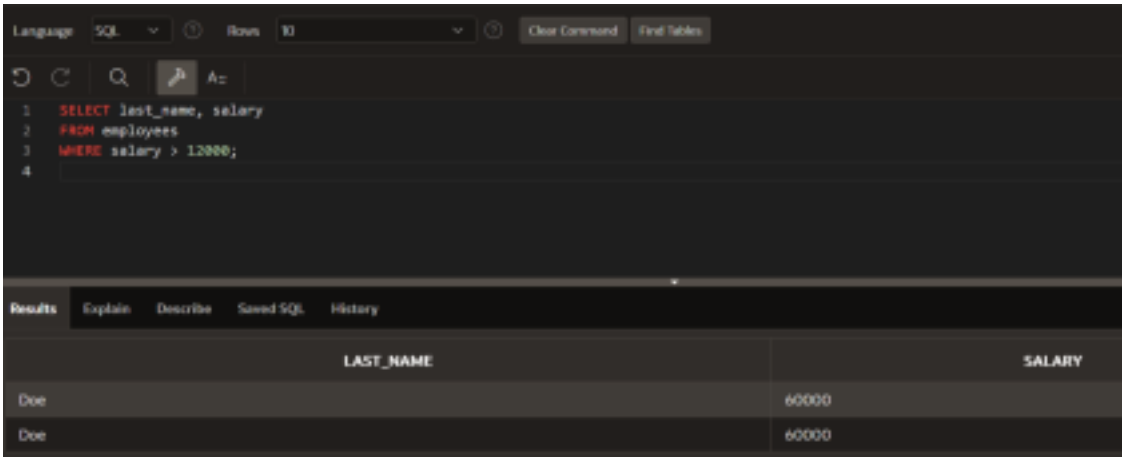
DBMS EX - 5

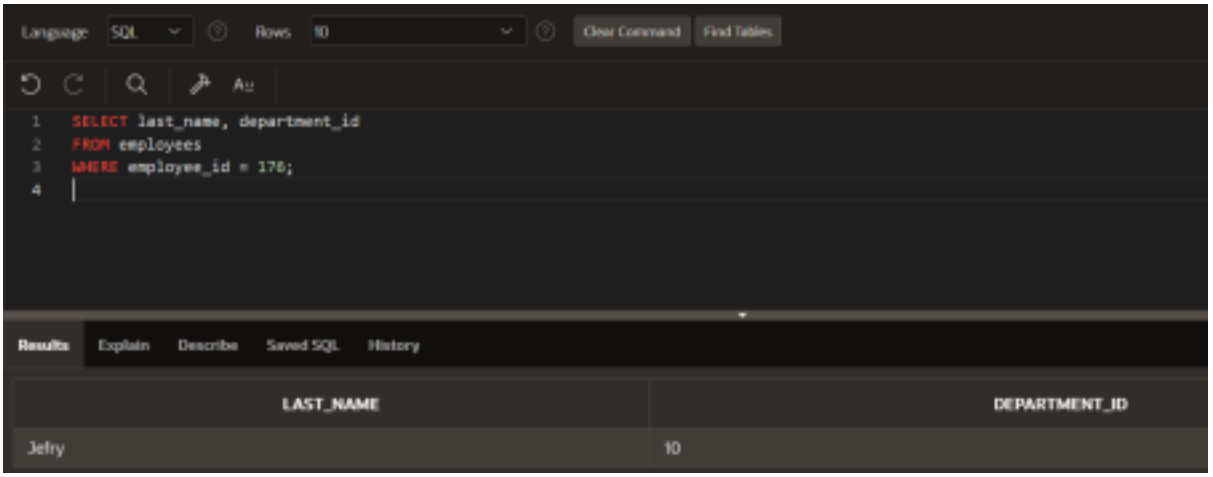
Name	Palachuru Nandu Priya
Roll No	241801195
Department	AI & DS

Exercise : 5

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

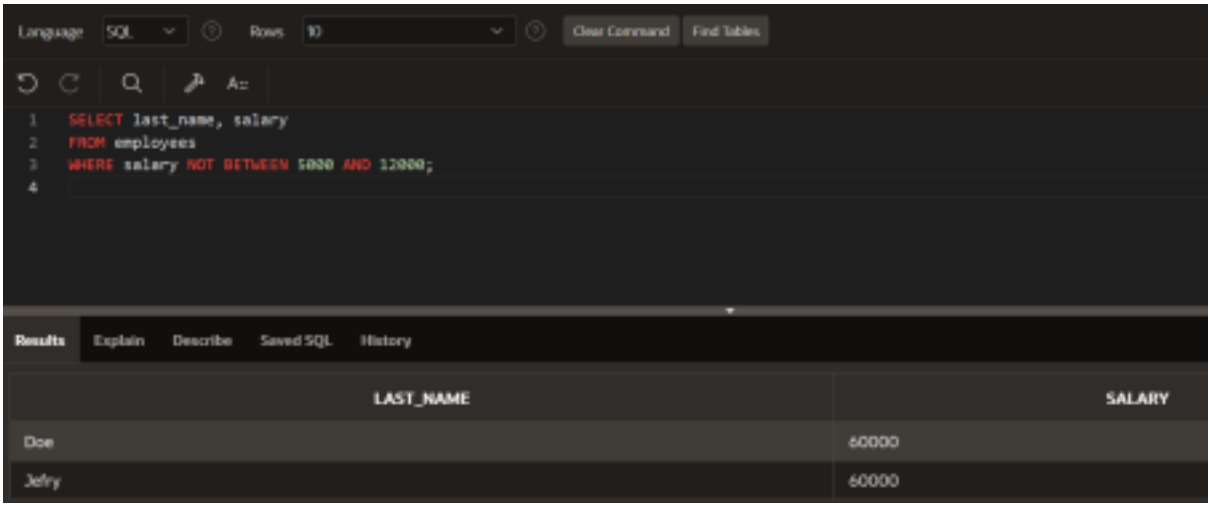


2. Create a query to display the employee last name and department number for employee number 176.

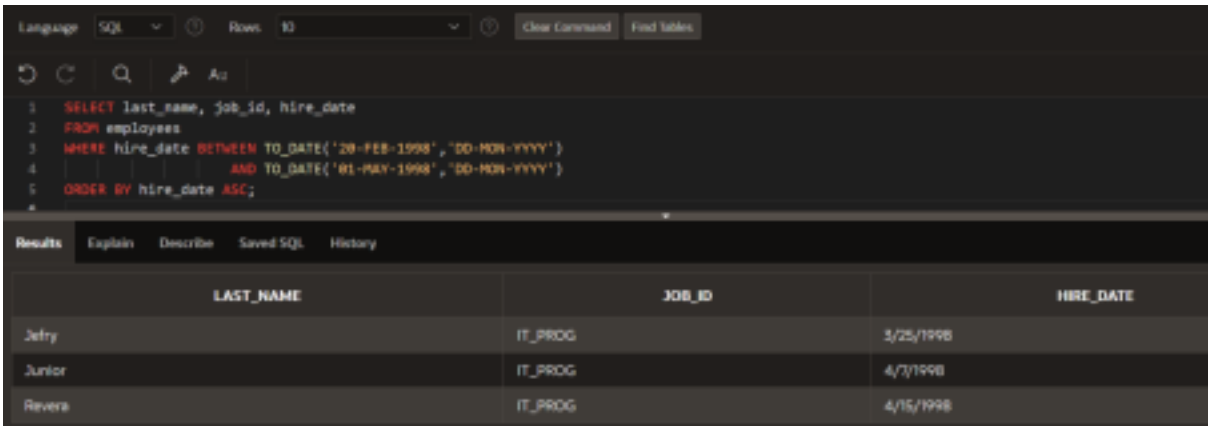


3. Create a query to display the last name and salary of employees whose salary is not in

the range of 5000 and 12000. (hints: not between)



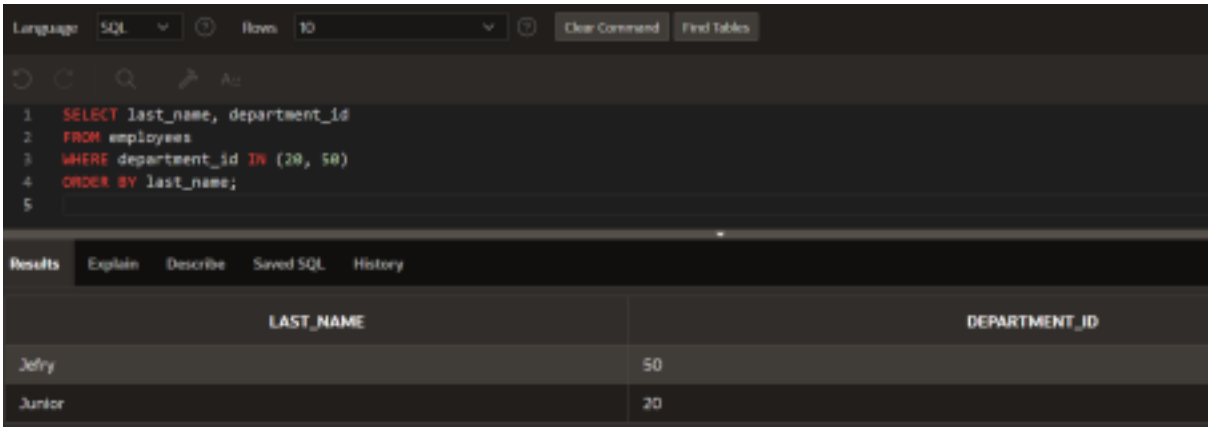
4. Display the employee last name, job ID, and start date of employees hired between February 20,1998 and May 1,1998.order the query in ascending order by start date.(hints: between)



```
SELECT last_name, job_id, hire_date
FROM employees
WHERE hire_date BETWEEN TO_DATE('20-FEB-1998','DD-MON-YYYY')
                    AND TO_DATE('01-MAY-1998','DD-MON-YYYY')
ORDER BY hire_date ASC;
```

LAST_NAME	JOB_ID	HIRE_DATE
Jefry	IT_PROG	5/25/1998
Junior	IT_PROG	4/7/1998
Rivera	IT_PROG	4/15/1998

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



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

LAST_NAME	DEPARTMENT_ID
Jefry	50
Junior	20

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)

```
SELECT last_name AS EMPLOYEE,
       salary AS "MONTHLY SALARY"
FROM employees
WHERE salary BETWEEN 5000 AND 12000
  AND department_id IN (20, 50)
ORDER BY last_name;
```

EMPLOYEE	MONTHLY SALARY
Jefry	10000
Junior	7500

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

```
SELECT last_name, hire_date
FROM employees
WHERE TO_CHAR(hire_date, 'YYYY') = '1994';
```

LAST_NAME	HIRE_DATE
Revera	2/20/1994
Junior	7/7/1994
Jefry	3/19/1994

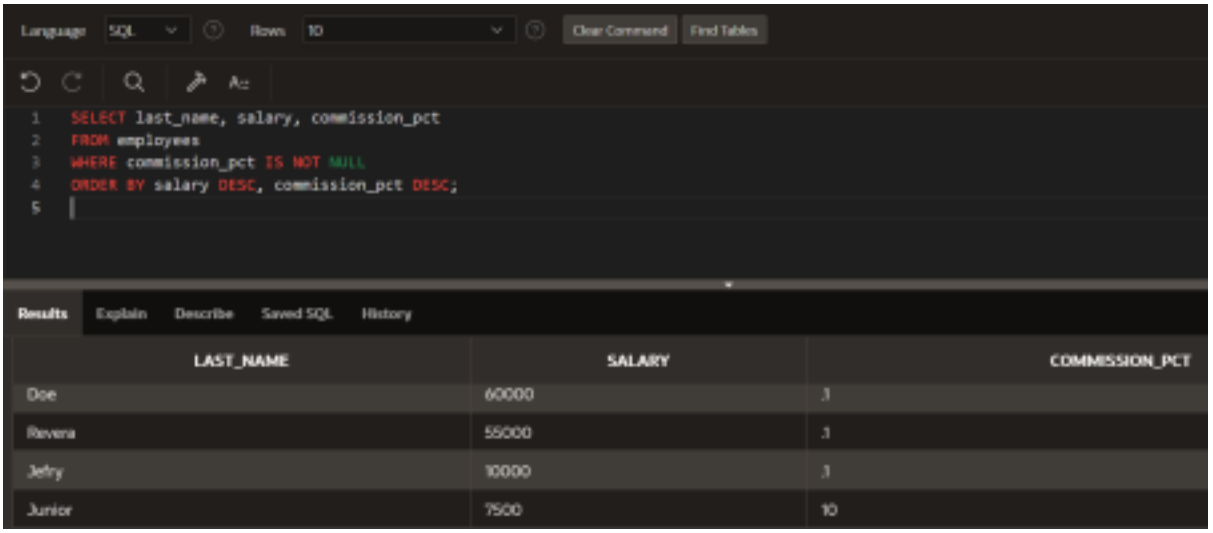
8. Display the last name and job title of all employees who do not have a manager.(hints:

is null)

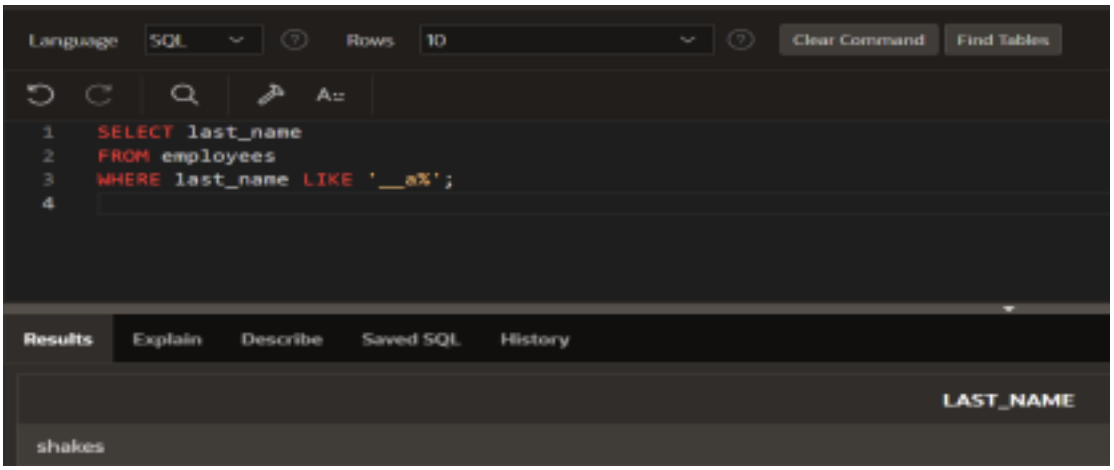
```
SELECT last_name, job_id
FROM employees
WHERE manager_id IS NULL;
```

LAST_NAME	JOB_ID
Revera	IT_PROG
Doe	IT_PROG
Junior	IT_PROG

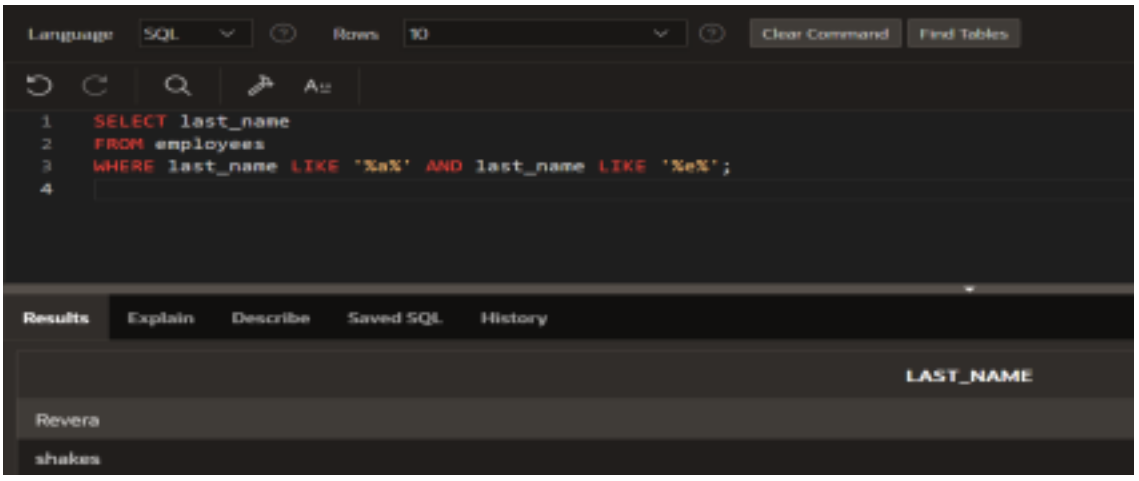
9. Display the last name, salary, and commission for all employees who earn commissions. Sort data in descending order of salary and commissions.(hints: is not nul,orderby)



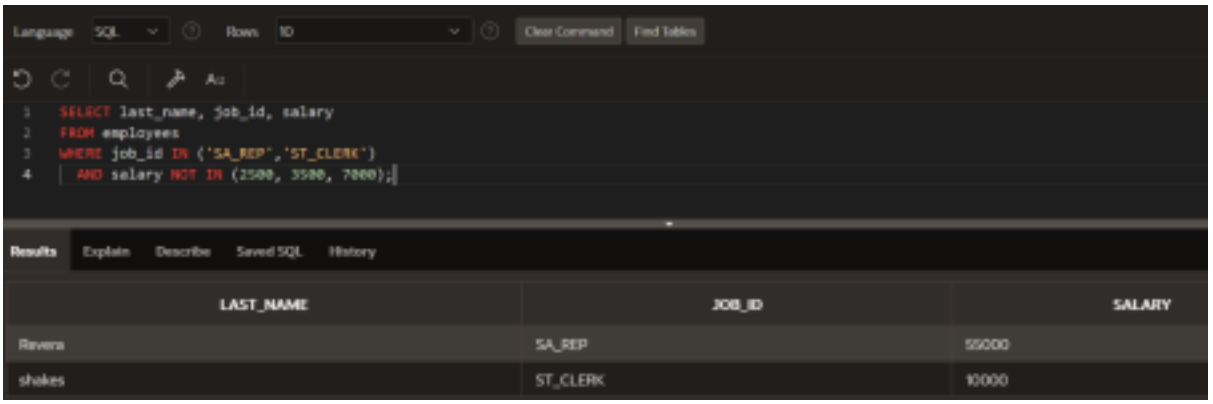
10. Display the last name of all employees where the third letter of the name is a.(hints:like)



11. Display the last name of all employees who have an a and an e in their last name.(hints: like)



12. Display the last name and job and salary for all employees whose job is sales representative or stock clerk and whose salary is not equal to 2500 ,3500 or 7000.(hints:in,not in)



13. Display the last name, salary, and commission for all employees whose commission amount is 20%.(hints:use predicate logic)