Assignment-3 Retrieve data using Group By clause.
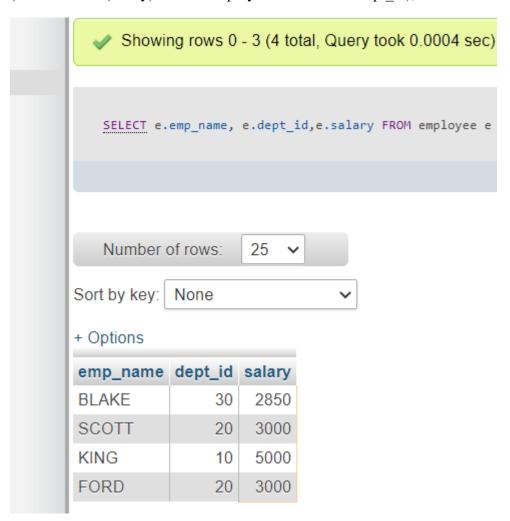
1.write a SQL query to find Employees who have the biggest salary in their Department.

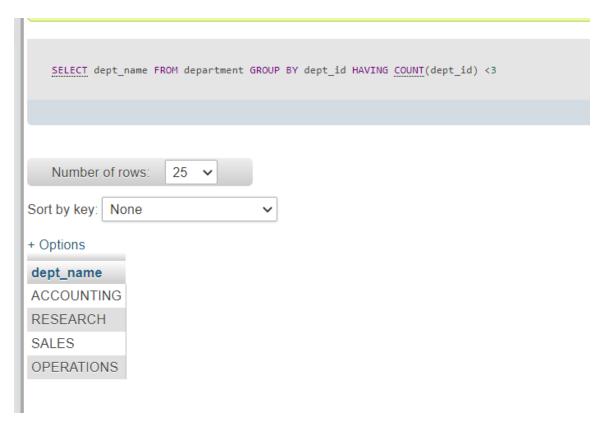SELECT e.emp_name, e.dept_id,e.salary

FROM employee e

WHERE e.salary IN

(SELECT max(salary) FROM employee GROUP BY dept_id);

Showing rows 0 - 3 (4 total, Query took 0.0004 sec)

```
SELECT e.emp_name, e.dept_id,e.salary FROM employee e
```

Number of rows: 25

Sort by key: None

+ Options

emp_name	dept_id	salary
BLAKE	30	2850
SCOTT	20	3000
KING	10	5000
FORD	20	3000

2.write a SQL query to find Departments that have less than 3 people in it

```
SELECT dept_name FROM department GROUP BY dept_id HAVING COUNT(dept_id) <3
```

Number of rows: 25 ⌄

Sort by key: None   ⌄

+ Options

dept_name
ACCOUNTING
RESEARCH
SALES
OPERATIONS

3.write a SQL query to find All Department along with the number of people there.

```
SELECT COUNT(e.dept_id), d.dept_name FROM department d INNER JOIN employee e ON d.dept_id=e.dept_id GROUP BY d.dept_name
```

+ Options

COUNT(e.dept_id)	dept_name
3	ACCOUNTING
7	RESEARCH
8	SALES

4.write a SQL query to find All Department along with the total salary there

```sql
SELECT SUM(e.salary), d.dept_name FROM department d INNER JOIN employee e ON d.dept_id=e.dept_id GROUP BY d.dept_name
```

Number of rows: 25

+ Options

SUM(e.salary)	dept_name
8750	ACCOUNTING
14650	RESEARCH
12250	SALES