2nd Highest Salary

employees

```
+---------------+---------+
| id            | int     |
| first_name    | varchar |
| last_name     | varchar |
| salary        | int     |
| department_id | int     |--+
+---------------+---------+  |
                             |
                             |
departments                  |
+---------------+---------+  |
| id            | int     |<-+
| name          | varchar |
+---------------+---------+
```
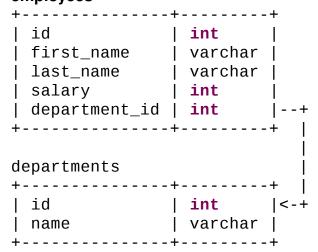
Write a SQL query to select the 2nd highest salary in the engineering department. If more than one person shares the highest salary, the query should select the next highest salary.

Output:

column	type
salary	int

Solution

Use RANK () OVER (PARTITION BY …. ORDER BY ….DESC)

AND MAX(SALARY) → gives the highest salary (eliminate it)

But think of how to get 3rd or 4th highest salary the above logic may not work . Then use CTE