**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