

BA – iNeuron – SQL- Assignment 3

1. Write an SQL query to print the FIRST_NAME from Worker table after removing white spaces from the right side.

Ans: `Select rtrim(First_name) from worker;`

```
32 • select rtrim(First_name) from worker;
```

| rtrim(First_name) |
|-------------------|
| Monika |
| Niharika |
| Vishal |
| Amitabh |
| Vivek |
| Vipul |
| Satish |
| Geetika |

2. Write an SQL query that fetches the unique values of DEPARTMENT from Worker table and prints its length.

Ans: `select distinct(Department) as Departments, length(Department) as Length_of_String from worker;`

```
34 • select distinct(Department) as Departments, length(Department) as Length_of_String from worker;
```

| Departments | Length_of_String |
|-------------|------------------|
| HR | 2 |
| Admin | 5 |
| Account | 7 |

3. Write an SQL query to fetch nth max salaries from a table.

Ans:

1. `select nth_value(salary,1) over (order by salary desc) as nth_highest_salary from worker;`
2. `select distinct(salary) from worker order by salary desc limit 0,1;`

```
36 • select nth_value(salary,1) over (order by salary desc) as nth_highest_salary from worker;
37
38 • select distinct(salary) from worker order by salary desc limit 0,1;
```

| salary |
|--------|
| 500000 |