# **Assignment 3**

#### Q-1. Write an SQL query to print the FIRST\_NAME from Worker table after removing white spaces from the right side.

**Answer:**

SELECT RTRIM(FIRST\_NAME) FROM Worker;

In the above query, the RTRIM function is used to remove the white spaces from the right side of the "FIRST\_NAME" column.

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

**Answer:**

SELECT DISTINCT DEPARTMENT, LENGTH(DEPARTMENT) FROM Worker;

In the above query, the DISTINCT keyword is used to retrieve only the unique values of "DEPARTMENT" from the "Worker" table. The LENGTH function is used to find the length of each "DEPARTMENT" value.

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

**Answer:**

SELECT salary FROM table\_name ORDER BY salary DESC LIMIT n-1, 1;

In the above query, "table\_name" should be replaced with the name of the table from which the nth maximum salary needs to be fetched, and "n" should be replaced with the value of n. The ORDER BY clause is used to sort the salaries in descending order, and the LIMIT clause is used to limit the result to one record, starting from the nth record. The salary value of the record is then selected.