# **Assignment 4**

#### Q-1. Write an SQL query to print the FIRST\_NAME from Worker table after replacing ‘a’ with ‘A’.

**Answer:**

SELECT REPLACE(FIRST\_NAME, 'a', 'A') FROM Worker;

In the above query, the REPLACE function is used to replace all occurrences of 'a' with 'A' in the "FIRST\_NAME" column.

#### Q-2. Write an SQL query to print all Worker details from the Worker table order by FIRST\_NAME Ascending and DEPARTMENT Descending.

**Answer:**

SELECT \* FROM Worker ORDER BY FIRST\_NAME ASC, DEPARTMENT DESC;

In the above query, the ORDER BY clause is used to sort the results in ascending order of "FIRST\_NAME" and descending order of "DEPARTMENT".

#### Q-3. Write an SQL query to fetch the names of workers who earn the highest salary.

**Answer:**

SELECT FIRST\_NAME, LAST\_NAME FROM Worker WHERE SALARY = (SELECT MAX(SALARY) FROM Worker);

In the above query, the WHERE clause is used to filter the records with the highest salary, which is determined by the subquery that selects the maximum salary from the "Worker" table. The "FIRST\_NAME" and "LAST\_NAME" columns are then selected from the resulting records.