



## Assignment-1

Execute the following query in your WORKBENCH

```
CREATE DATABASE ORG;  
USE ORG;
```

```
CREATE TABLE Worker (  
  WORKER_ID INT NOT NULL PRIMARY KEY AUTO_INCREMENT,  
  FIRST_NAME CHAR(25),  
  LAST_NAME CHAR(25),  
  SALARY INT(15),  
  JOINING_DATE DATETIME,  
  DEPARTMENT CHAR(25)  
);
```

```
INSERT INTO Worker  
(WORKER_ID, FIRST_NAME, LAST_NAME, SALARY, JOINING_DATE,  
DEPARTMENT) VALUES  
(001, 'Monika', 'Arora', 100000, '14-02-20 09.00.00', 'HR'),  
(002, 'Niharika', 'Verma', 80000, '14-06-11 09.00.00', 'Admin'),  
(003, 'Vishal', 'Singhal', 300000, '14-02-20 09.00.00', 'HR'),  
(004, 'Amitabh', 'Singh', 500000, '14-02-20 09.00.00', 'Admin'),  
(005, 'Vivek', 'Bhati', 500000, '14-06-11 09.00.00', 'Admin'),  
(006, 'Vipul', 'Diwan', 200000, '14-06-11 09.00.00', 'Account'),  
(007, 'Satish', 'Kumar', 75000, '14-01-20 09.00.00', 'Account'),  
(008, 'Geetika', 'Chauhan', 90000, '14-04-11 09.00.00', 'Admin');
```

# Structured Query Language



**After Executing the above query, Answer the following questions with writing the appropriate queries.**

**Question 1:**

**Write an SQL query to fetch "FIRST\_NAME" from the Worker table using the alias name <WORKER\_NAME>.**

**Question 2:**

**Write an SQL query to fetch unique values of DEPARTMENT from the Worker table.**

**Question 3:**

**Write an SQL query to print the first three characters of FIRST\_NAME from the Worker table.**

**Question 4:**

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

**Question 5:**

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

**Question 6:**

**Write an SQL query to print details of Workers with DEPARTMENT name as "Admin".**

**Question 7:**

**Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000.**

**Question 8:**

**Write an SQL query to fetch worker names with salaries  $\geq 50000$  and  $\leq 100000$ .**

**Question 9:**

**Write an SQL query to show only even rows from the WORKER table.**

**Question 10:**

**Write an SQL query to print details of the Workers who joined in Feb'2014.**

**Submission: The Entire assignment should be submitted by the end of the week (Friday,30/06/2023),You have to Submit one SQL Script in which all the Answer Queries included. Upload the script in your GitHub Account.**