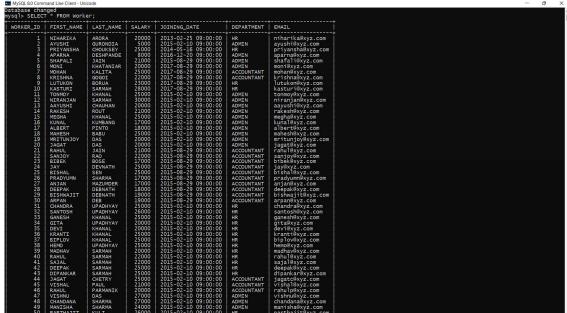
SQL ASSIGNMENT

Create a database worker that should contain **first name**, **last name email**, **department**, **salary**, **Join Date** with 50 employees.





- 1. Write an SQL query to fetch "FIRST_NAME" from the Worker table using the alias name as <WORKER NAME>.
- 2. Write an SQL query to fetch unique values of DEPARTMENT from the Worker table.
- 3. Write an SQL query to show the last 5 records from a table.

SOLUTION

2

```
mysql> Select distinct DEPARTMENT from worker;

DEPARTMENT |
HR
ADMIN
ACCOUNTANT |
From set (0.01 sec)
```

3

- 1. Write an SQL query to print the first three characters of FIRST_NAME from Worker
- 2. Write an SQL query to find the position of the alphabet ('a') in the first name
- 3. Write an SQL query to print the name of employees who have the highest salary in each department.

Solution

1.

2.

3.

```
mysql> select max(salary), department from worker group by department;

max(salary) | department |

28000 | HR
30000 | ADNIN
25000 | ACCOUNTANT |

3 rows in set (0.03 sec)
```

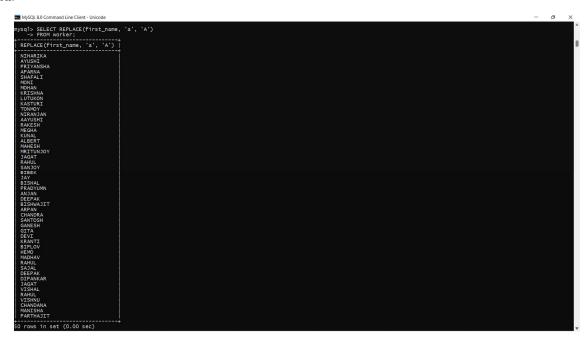
- 1. Write an SQL query to print the FIRST_NAME from the Worker table after removing white spaces from the right side.
- 2. Write an SQL query that fetches the unique values of DEPARTMENT from the Worker table and prints its length.
- 3. Write an SQL query to fetch nth max salaries from a table.

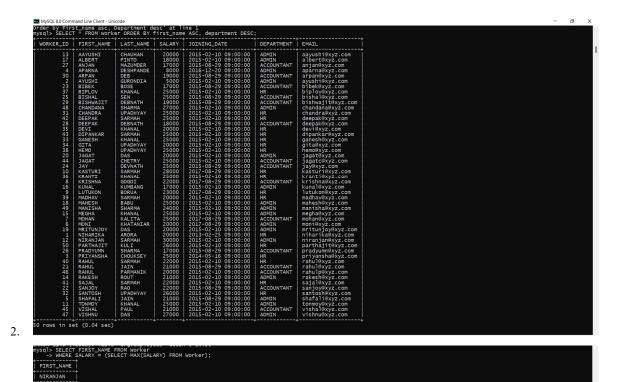
```
### WASH & Command Land Collect National Prices Worker:

### WASH & Collect National Prices Worker:

### WASH
```

- 1. Write an SQL query to print the FIRST_NAME from the Worker table after replacing 'a' with 'A'.
- 2. Write an SQL query to print all Worker details from the Worker table order FIRST_NAME Ascending and DEPARTMENT Descending.
- 3. Write an SQL query to fetch the names of workers who earn the highest salary.





3.

- 1. Write an SQL query to print details of workers excluding first names, "Ramesh" and "Santhosh" from the Worker table.
- 2. Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'h' and contains six alphabets.
- 3. Write a query to validate Email of Employee (email should have first name last name and guvi.com example (first name=Kamal last name= raja and the mail id should be kamalraja@guvi.com).

```
| WOOLE | Description | Descri
```

]. mysql

2. mysq

mysql> SELECT * FROM Worker WHERE email NOT LIKE '%_@__%.__%'; Empty set (0.00 sec)

3. mysq

Task-6

- 1. Write an SQL query to print details of the Workers who have joined in March '2021.
- 2. Write an SQL query to fetch duplicates that have matching data in some fields of a table.
- 3. How to remove duplicate rows from the Employees table.

```
mysql> Select * from Worker where year(JOINING_DATE) = 2021 and month(JOINING_DATE) = 3;
Empty set (0.00 sec)
1. mysql> _
```

```
2. SELECT [FirstName],
    [LastName],
    [Email],
    COUNT(*) AS CNT
    FROM [SampleDB].[dbo].[Employees]
    GROUP BY [FirstName],
    [LastName],
    [Email]
    HAVING COUNT(*) > 1;
```

- 1. Write an SQL query to show only odd rows from a table.
- 2. Write an SQL query to clone a new table from another table.

```
| MyAGN | SELECT | FROM Worker | NOT | SELECT | WORKER_ID | FROM Worker | WHERE | WORKER_ID | SELECT | SELE
```

- 1. Write an SQL query to show the top n (say 15) records of a table.
- 2. Write an SQL query to determine the nth (say n=10) highest salary from a table.

Solution

```
# STATE OF THE PROPERTY OF THE
```

Task-10

- 1. Write an SQL query to determine the 8th highest salary without using TOP or LIMIT methods.
- 2. Write an SQL query to fetch the list of employees with the same salary.

```
myxql> SFLECT DISTINCT(Salary) FROM Worker ORDER BY Salary DESC LIMIT 7,1;
| Salary |
| 22000 |
| row in set (0.03 sec)
     1.
```

2.