




### SQL ASSIGNMENT – 03

Result Grid						
		Filter Rows:		Edit:   		
	ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
	1	Monika	Arora	100000	2014-02-20	HR
	2	Niharika	Verma	80000	2014-06-11	Admin
	3	Vishal	Singhal	300000	2014-02-20	HR
	4	Amitabh	Singh	500000	2014-02-20	Admin
▶	5	Vivek	Bhati	500000	2014-06-11	Admin
	6	Vipul	Diwan	200000	2014-06-11	Account
	7	Satish	Kumar	75000	2014-01-20	Account
	8	Geetika	Chauhan	90000	2014-04-11	Admin

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

```
In [19]: cur.execute("select RTRIM(FIRST_NAME) from Worker")
```

```
In [20]: cur.fetchall()
```

```
Out[20]: [('Monika',),  
          ('Niharika',),  
          ('Vishal',),  
          ('Amitabh',),  
          ('Vivek',),  
          ('Vipul',),  
          ('Satish',),  
          ('Geetika',)]
```

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

```
In [21]: cur.execute("select DISTINCT length(DEPARTMENT) from Worker")
```

```
In [22]: cur.fetchall()
```

```
Out[22]: [(2,), (5,), (7,)]
```

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

Let's suppose we want top 4 salaries from table.

```
In [22]: cur.execute("select * from(select SALARY FROM Worker order by SALARY DESC) as maxsalary limit 4")
```

```
In [23]: cur.fetchall()
```

```
Out[23]: [(500000,), (500000,), (300000,), (200000,)]
```