




## SQL ASSIGNMENT – 04

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 replacing 'a' with 'A'.

```
In [24]: cur.execute("select replace(FIRST_NAME,'a','A')from Worker")
```

```
In [25]: cur.fetchall()
```

```
Out[25]: [('Monika',),
          ('NihArika',),
          ('VishAl',),
          ('AmitAbh',),
          ('Vivek',),
          ('Vipul',),
          ('SATish',),
          ('Geetika',)]
```

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

```
In [26]: cur.execute("select * from Worker order by FIRST_NAME asc,DEPARTMENT desc")
```

```
In [27]: cur.fetchall()
```

```
Out[27]: [(4, 'Amitabh', 'Singh', 500000, datetime.date(2014, 2, 20), 'Admin'),
          (8, 'Geetika', 'Chauhan', 90000, datetime.date(2014, 4, 11), 'Admin'),
          (1, 'Monika', 'Arora', 100000, datetime.date(2014, 2, 20), 'HR'),
          (2, 'Niharika', 'Verma', 80000, datetime.date(2014, 6, 11), 'Admin'),
          (7, 'Satish', 'Kumar', 75000, datetime.date(2014, 1, 20), 'Account'),
          (6, 'Vipul', 'Diwan', 200000, datetime.date(2014, 6, 11), 'Account'),
          (3, 'Vishal', 'Singhal', 300000, datetime.date(2014, 2, 20), 'HR'),
          (5, 'Vivek', 'Bhati', 500000, datetime.date(2014, 6, 11), 'Admin')]
```

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

```
In [29]: cur.execute("select FIRST_NAME,SALARY from worker where SALARY = (select max(SALARY) from Worker)")
```

```
In [30]: cur.fetchall()
```

```
Out[30]: [('Amitabh', 500000), ('Vivek', 500000)]
```