

```
mysql> create database rutvik;  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> show databases;
```

```
mysql> use rutvik;  
Database changed
```

```
mysql> CREATE TABLE EmployeeInfo (  
-> EmpID INT PRIMARY KEY,  
-> EmpFname VARCHAR(50),  
-> EmpLname VARCHAR(50),  
-> Department VARCHAR(50),  
-> Project VARCHAR(50),  
-> Address VARCHAR(100),  
-> DOB DATE,  
-> Gender VARCHAR(10)  
-> );
```

```
mysql> INSERT INTO EmployeeInfo (EmpID, EmpFname, EmpLname, Department,  
Project, Address, DOB, Gender)  
-> VALUES  
-> (1, 'John', 'Doe', 'HR', 'Project A', '123 Main St', '1990-01-01', 'Male'),  
-> (2, 'Jane', 'Smith', 'IT', 'Project B', '456 Oak St', '1992-05-15', 'Female'),  
-> (3, 'Sarah', 'Johnson', 'HR', 'Project C', '789 Elm St', '1985-11-30', 'Female'),  
-> (5, 'Samantha', 'Williams', 'IT', 'Project E', '202 Cedar St', '1993-07-20', 'Male'),  
-> (5, 'Samantha', 'rutvik', 'IT', 'Project E', 'pune', '1993-09-10', 'Female');
```

```
Query OK, 5 rows affected (0.03 sec)  
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> select * from EmployeeInfo;
```

EmpID	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	John	Doe	HR	Project A	123 Main St	1990-01-01	Male
2	Jane	Smith	IT	Project B	456 Oak St	1992-05-15	Female
3	Sarah	Johnson	HR	Project C	789 Elm St	1985-11-30	Female
4	Michael	Brown	Finance	Project D	101 Pine St	1988-07-20	Male
5	Samantha	rutvik	IT	Project E	pune	1993-09-10	Female

5 rows in set (0.01 sec)

```
mysql> CREATE TABLE EmployeePosition (  
-> EmpID INT,  
-> EmpPosition VARCHAR(50),  
-> DateOfJoining DATE,  
-> Salary DECIMAL(10, 2),  
-> FOREIGN KEY (EmpID) REFERENCES EmployeeInfo(EmpID)  
-> );
```

Query OK, 0 rows affected (0.05 sec)

```
mysql> INSERT INTO EmployeePosition (EmpID, EmpPosition, DateOfJoining, Salary)  
-> VALUES  
-> (1, 'Manager', '2015-01-01', 80000),  
-> (2, 'Developer', '2017-03-15', 70000),  
-> (3, 'Manager', '2010-06-20', 90000),  
-> (4, 'Accountant', '2018-09-01', 60000),  
-> (5, 'Analyst', '2019-11-10', 85000);
```

Query OK, 5 rows affected (0.01 sec)

Records: 5 Duplicates: 0 Warnings: 0

```
mysql> select * from EmployeePosition;
```

EmpID	EmpPosition	DateOfJoining	Salary
1	Manager	2015-01-01	80000.00
2	Developer	2017-03-15	70000.00
3	Manager	2010-06-20	90000.00
4	Accountant	2018-09-01	60000.00
5	Analyst	2019-11-10	85000.00

5 rows in set (0.01 sec)

Query -1

```
mysql> select upper(EmpFname) EmpName from EmployeeInfo;
```

EmpName
JOHN
JANE

```
| SARAH |
| MICHAEL |
| SAMANTHA |
+-----+
5 rows in set (0.00 sec)
```

Query -2

```
mysql> select count(*) from EmployeeInfo WHERE Department = 'HR';
+-----+
| count(*) |
+-----+
|      2 |
+-----+
1 row in set (0.02 sec)
```

Query -3

```
mysql> select * from EmployeePosition WHERE Salary BETWEEN 70000 AND 100000;

+-----+-----+-----+-----+
| EmpID | EmpPosition | DateOfJoining | Salary |
+-----+-----+-----+-----+
| 1 | Manager | 2015-01-01 | 80000.00 |
| 2 | Developer | 2017-03-15 | 70000.00 |
| 3 | Manager | 2010-06-20 | 90000.00 |
| 5 | Analyst | 2019-11-10 | 85000.00 |
+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

Query -4

```
mysql> select EmpFname, EmpLname from EmployeeInfo WHERE EmpFname LIKE 'S%';

+-----+-----+
| EmpFname | EmpLname |
+-----+-----+
| Sarah | Johnson |
| Samantha | rutvik |
+-----+-----+
2 rows in set (0.01 sec)
```

Query -5

```
mysql> select * from EmployeeInfo limit 3;
```

EmpID	EmpFname	EmpLname	Department	Project	Address	DOB	Gender
1	John	Doe	HR	Project A	123 Main St	1990-01-01	Male
2	Jane	Smith	IT	Project B	456 Oak St	1992-05-15	Female
3	Sarah	Johnson	HR	Project C	789 Elm St	1985-11-30	Female

```
3 rows in set (0.00 sec)
```