**LAB EXERCISES**

**EX.NO:03**

**CREATING A TABLE AND ISERTING ROWS**

**AIM:**

**To create a database named 'College' and to create a table for student and Employee with the fields as we like.**

**PROCEDURE:**

1. **Creating the database 'College':**

* **mysql> CREATE DATABASE College;**
* **Query OK, 1 row affected (0.01 sec).**

1. **Using the database 'College':**

* **mysql> USE College;**
* **Database changed**

1. **Creating a table 'Student':**

* **mysql> CREATE TABLE Student(Regno char(6), Name varchar(20), Sex char(1), Age int(2), Dept varchar(8), Class varchar(11));**
* **Query OK, 0 rows affected, 1 warning (0.05 sec)**
* **mysql> DESCRIBE Student;**

1. **Inserting rows in 'Student':**

* **mysql> INSERT INTO Student VALUES('CI1001','Harish','M',18,'Civil', 'First Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES('C11002','Murugan', 'M',18,'Civil', 'Second Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES('ME1001','Dharun','M', 19, 'Mech', 'Third Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES('ME1002', 'Arun', 'M', 18,'Mech','Second Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('EE1001','Anitha', 'F',16,'EEE', 'First Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('EE1002', 'Balan', 'M',18,'EEE', 'Third Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('EC1001','Kiran', 'M', 19,'ECE', 'Second Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('EC1002', 'Keerthi', 'F', 19,'ECE', Third Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('CO1001','Priya', 'F', 18,'Computer', 'Third Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Student VALUES ('CO1002', 'Gokul', 'M', 16, 'Computer', 'First Year');**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> SELECT\* FROM Student;**
* **10 rows in set (0.00 sec)**

1. **Creating table 'Employee':**

* **mysql> CREATE TABLE Employee (Employee number char(5), Employee name varchar(20), Designation varchar(10), Dept varchar(8), DOJ date, Salary float);**
* **Query OK, 0 rows affected (0.04 sec)**
* **mysql> DESCRIBE Employee;**
* **6 rows in set (0.00 sec)**

1. **Inserting rows in 'Employee':**

* **mysql> INSERT INTO Employee VALUES('EC101','Arunachalam', 'Principal','ECE','1988-05-18',200000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('EC102','Malarvizhi', 'HOD', 'ECE', '1993-09-12',175000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES('EC103','Kanthamaran', 'Lecturer', 'ECE','2012-10-08',90000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES('CO101','Indhumathi', 'HOD', 'Computer','1990-08-03',185000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES('CO102','Raghavan', 'Lecturer', 'Computer', '2018-04-20',65000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('ME101','Balakrishnan', 'HOD', 'Mech','1995-02-23',165000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('ME102', 'Rajkumar', 'Lecturer', 'Mech','2020-01-05',65000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('AD101','Nanthakumar', 'Assistant', 'Office', '1999-02-24',55000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('AD102','Nayaki', 'Typist', 'Office','2018-08-25',40000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> INSERT INTO Employee VALUES ('AD103', 'Kannan', 'Cashier', 'Office', '2015-09-10',45000.00);**
* **Query OK, 1 row affected (0.01 sec)**
* **mysql> SELECT \* FROM Employee;**
* **10 rows in set (0.00sec)**

**RESULT:**

**Thus the above MYSQL commands are executed and the output is obtained.**