

Practical 13

Aim: ADO.NET program using connection oriented approach.

#PROGRAM

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using MySql.Data.MySqlClient;
namespace Sql_db
{
    class Program
    {
        static void Main(string[] args)
        {
            string cs = @"server=localhost;userid=root;
            password=;database=bvm";

            MySqlConnection conn = null;

            try
            {
                conn = new MySqlConnection(cs);
                conn.Open();
                Console.WriteLine("MySQL version : {0}", conn.ServerVersion);

                MySqlCommand cmd = new MySqlCommand();
                cmd.Connection = conn;
                cmd.CommandText = "INSERT INTO `student` (`name`, `Id no`) VALUES
                (@Name, @no)";
                cmd.Prepare();
                cmd.Parameters.AddWithValue("@Name", "Hardik Patel");
                cmd.Parameters.AddWithValue("@no", "34");
                cmd.CreateParameter();

                cmd.ExecuteNonQuery();

                string st = "SELECT * FROM `student`";
                MySqlCommand cmd1 = new MySqlCommand(st, conn);
                MySqlDataReader r = cmd1.ExecuteReader();
```

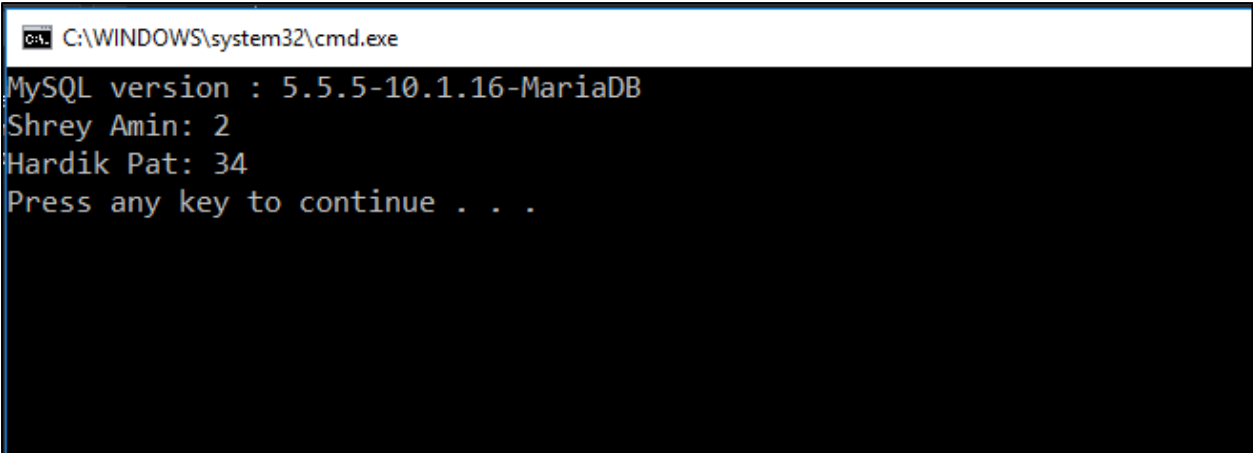
```

        while (r.Read())
        {
            Console.WriteLine(r.GetString(1) + ": " + r.GetInt32(0));
        }

    }
    catch (MySqlException ex)
    {
        Console.WriteLine("Error: {0}", ex.ToString());
    }
    finally
    {
        if (conn != null)
        {
            conn.Close();
        }
    }
}
}
}

```

#OUTPUT :



```

C:\WINDOWS\system32\cmd.exe
MySQL version : 5.5.5-10.1.16-MariaDB
Shrey Amin: 2
Hardik Pat: 34
Press any key to continue . . .

```