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 :