

Program8- Create a table customers(custid, custname, custaddress, mobileno, emailid)

create a form to insert , update , delete and search records.

```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace Ado_Assignment2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        string str = "server=HP-LAPTOP\\SQLEXPRESS;integrated
security=true;database=mkpsample";
        SqlConnection con = null;
        SqlCommand command = null;

        private void button1_Click(object sender, EventArgs e)
        {
            try
            {
                con = new SqlConnection(str);
                string qr = "insert into
customers(id,name,address,mobileno,email)values(@id,@name,@address,@mobileno,@email)
";
                command = new SqlCommand(qr, con);
                command.Parameters.Add("@id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
                command.Parameters.Add("@name", SqlDbType.VarChar, 20).Value =
textBox2.Text;
                command.Parameters.Add("@address", SqlDbType.VarChar, 20).Value =
textBox3.Text;
                command.Parameters.Add("@mobileno", SqlDbType.Int).Value =
Convert.ToInt32(textBox4.Text);
                command.Parameters.Add("@email", SqlDbType.VarChar, 20).Value =
textBox5.Text;
                con.Open();
                command.ExecuteNonQuery();
                textBox1.Clear();
                textBox2.Clear();
                textBox1.Focus();
                MessageBox.Show("Record saved successfully");
            }
            catch (Exception ee)
            {
                MessageBox.Show(ee.ToString());
            }
        }
    }
}
```

```

    }
    finally
    {
        con.Close();
    }

}

private void button2_Click(object sender, EventArgs e)
{
    try
    {
        con = new SqlConnection(str);
        string qr = "update customers set
name=@name,address=@address,mobilenos=@mobilenos,email=@email where id=@id";
        command = new SqlCommand(qr, con);
        command.Parameters.Add("@name", SqlDbType.VarChar, 20).Value =
textBox2.Text;
        command.Parameters.Add("@address", SqlDbType.VarChar, 20).Value =
textBox3.Text;
        command.Parameters.Add("@mobilenos", SqlDbType.Int).Value =
Convert.ToInt32(textBox4.Text);
        command.Parameters.Add("@email", SqlDbType.VarChar, 20).Value =
textBox5.Text;
        command.Parameters.Add("@id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        con.Open();
        command.ExecuteNonQuery();
        textBox1.Clear();
        textBox2.Clear();
        textBox1.Focus();
        MessageBox.Show("Record updated successfully");
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        con.Close();
    }
}

private void button3_Click(object sender, EventArgs e)
{
    try
    {
        con = new SqlConnection(str);
        string qr = "delete from customers where id=@id or name=@name";
        command = new SqlCommand(qr, con);
        command.Parameters.Add("@id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        command.Parameters.Add("@name", SqlDbType.VarChar, 20).Value =
textBox2.Text;
        con.Open();
        command.ExecuteNonQuery();
    }
}

```

```

        textBox1.Clear();
        textBox2.Clear();
        textBox1.Focus();
        MessageBox.Show("Record deleted successfully");
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        con.Close();
    }
}

private void button4_Click(object sender, EventArgs e)
{
    try
    {
        con = new SqlConnection(str);
        string qr = "select * from customers where id=@id";
        command = new SqlCommand(qr, con);
        command.Parameters.Add("id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        con.Open();
        SqlDataReader dr = command.ExecuteReader();
        int flag = 0;
        textBox2.Clear();
        while (dr.Read())
        {
            flag = 1;
            textBox2.Text = dr["name"].ToString();
            textBox3.Text = dr["address"].ToString();
            textBox4.Text = dr["mobilenno"].ToString();
            textBox5.Text = dr["email"].ToString();
        }
        dr.Close();
        if (flag == 0)
        {
            MessageBox.Show("Record not found");
        }
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        con.Close();
    }
}
}
}
}

```

Output-

