

Form1

Customer id

Customer Name

Address

Email id

Mobile No

Activate Windows  
Go to Settings to activate Windows.

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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 Assign_2_Ado
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        string str = "server= DESKTOP-1GU2RS7\\SQLEXPRESS;integrated
security=true;database=mkpit_sample1";
        SqlConnection conn = null;
        SqlCommand comm = null;
        private void button1_Click(object sender, EventArgs e)
        {
            try
            {
                conn = new SqlConnection(str);
            }
        }
    }
}

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        string s1 = "insert into customer
values(@cust_id,@cust_name,@cust_address,@email,@mobile_no)";
        comm = new SqlCommand(s1, conn);

comm.Parameters.Add("@cust_id", SqlDbType.Int).Value=Convert.ToInt32(textBox1.Text);
comm.Parameters.Add("@cust_name", SqlDbType.VarChar,20).Value =
textBox2.Text;
comm.Parameters.Add("@cust_address", SqlDbType.VarChar, 20).Value =
textBox3.Text;
comm.Parameters.Add("@email", SqlDbType.VarChar, 20).Value =
textBox4.Text;
comm.Parameters.Add("@mobile_no", SqlDbType.VarChar, 20).Value =
textBox5.Text;

        conn.Open();
        comm.ExecuteNonQuery();
        textBox1.Clear();
        textBox2.Clear();
        textBox3.Clear();
        textBox4.Clear();
        textBox5.Clear();
        textBox1.Focus();
        MessageBox.Show("Records saved, Successfully!");
    }
    catch(Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        conn.Close();
    }
}

private void button2_Click(object sender, EventArgs e)
{
    try
    {
        conn = new SqlConnection(str);
        string s1 = "update customer set
cust_name=@cust_name,cust_address=@cust_address,email=@email,mobile_no=@mobile_no
where cust_id=@cust_id";
        comm = new SqlCommand(s1, conn);

        comm.Parameters.Add("@cust_name", SqlDbType.VarChar, 20).Value =
textBox2.Text;
        comm.Parameters.Add("@cust_address", SqlDbType.VarChar, 20).Value =
textBox3.Text;
        comm.Parameters.Add("@email", SqlDbType.VarChar, 20).Value =
textBox4.Text;
        comm.Parameters.Add("@mobile_no", SqlDbType.VarChar, 20).Value =
textBox5.Text;
        comm.Parameters.Add("@cust_id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        conn.Open();
        comm.ExecuteNonQuery();
        textBox1.Clear();
        textBox2.Clear();
    }
}

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        textBox3.Clear();
        textBox4.Clear();
        textBox5.Clear();
        textBox1.Focus();
        MessageBox.Show("Records updated, Successfully!");
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        conn.Close();
    }
}

private void button3_Click(object sender, EventArgs e)
{
    try
    {
        conn = new SqlConnection(str);
        string s1 = "delete from customer where cust_id=@cust_id";
        comm = new SqlCommand(s1, conn);
        comm.Parameters.Add("@cust_id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        conn.Open();
        comm.ExecuteNonQuery();
        textBox1.Clear();
        textBox2.Clear();
        textBox3.Clear();
        textBox4.Clear();
        textBox5.Clear();
        textBox1.Focus();
        MessageBox.Show("Records deleted, Successfully!");
    }
    catch (Exception ee)
    {
        MessageBox.Show(ee.ToString());
    }
    finally
    {
        conn.Close();
    }
}

private void button4_Click(object sender, EventArgs e)
{
    try
    {
        int flag = 0;
        conn = new SqlConnection(str);
        string s1 = "select * from customer where cust_id=@cust_id";
        comm = new SqlCommand(s1, conn);
        comm.Parameters.Add("@cust_id", SqlDbType.Int).Value =
Convert.ToInt32(textBox1.Text);
        conn.Open();

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        SqlDataReader dr=comm.ExecuteReader();
        while(dr.Read())
        {
            flag = 1;
            textBox2.Text = dr["cust_name"].ToString();
            textBox3.Text = dr["cust_address"].ToString();
            textBox4.Text = dr["email"].ToString();
            textBox5.Text = dr["mobile_no"].ToString();

        }
        dr.Close();
        if(flag==0)
        {
            MessageBox.Show("Records not found");
            textBox1.Clear();
        }

    }

}
catch (Exception ee)
{
    MessageBox.Show(ee.ToString());
}
finally
{
    conn.Close();
}
}
}
}

```