

C# winforms gridview

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;

namespace WindowsFormsApplication21
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();

            private void dataGridView1_CellContentClick(object sender,
DataGridViewCellEventArgs e)
            {
                if (e.ColumnIndex == 3)
                {
                    MessageBox.Show((e.RowIndex + 1) + " Row " +
(e.ColumnIndex + 1) + " Column button clicked ");
                }

                private void button1_Click(object sender, EventArgs e)
                {

                    dataGridView1.ColumnCount = 3;
                    dataGridView1.Columns[0].Name = "Product ID";
                    dataGridView1.Columns[1].Name = "Product Name";
                    dataGridView1.Columns[2].Name = "Product Price";

                    string[] row = new string[] { "1", "Product 1", "1000" };
                    dataGridView1.Rows.Add(row);
                    row = new string[] { "2", "Product 2", "2000" };
                    dataGridView1.Rows.Add(row);
                    row = new string[] { "3", "Product 3", "3000" };
                    dataGridView1.Rows.Add(row);
                    row = new string[] { "4", "Product 4", "4000" };
                    dataGridView1.Rows.Add(row);

                    DataGridViewButtonColumn btn = new DataGridViewButtonColumn();
                    dataGridView1.Columns.Add(btn);
                    btn.HeaderText = "Click Data";
                    btn.Text = "Click Here";
                    btn.Name = "btn";
                    btn.UseColumnTextForButtonValue = true;
                    DataGridViewComboBoxColumn cmb = new
DataGridViewComboBoxColumn();

                    DataGridViewButtonColumn btn2 = new DataGridViewButtonColumn();

```

```

dataGridView1.Columns.Add(btn2);
btn.HeaderText = "Click Data";
btn.Text = "insert";
btn.Name = "insert";
btn.UseColumnTextForButtonValue = true;

cmb.HeaderText = "Select Data";
cmb.Name = "cmb";
cmb.MaxDropDownItems = 4;
cmb.Items.Add("True");
cmb.Items.Add("False");
dataGridView1.Columns.Add(cmb);

DataGridViewImageColumn img = new DataGridViewImageColumn();
Image image = Image.FromFile("C:/Users/Public/Pictures/Sample
Pictures/Desert.jpg");
img.Image = image;
dataGridView1.Columns.Add(img);
img.HeaderText = "Image";
img.Name = "img";
dataGridView2.ColumnCount = 3;
dataGridView2.Columns[0].Name = "Product ID";
dataGridView2.Columns[1].Name = "Product Name";
dataGridView2.Columns[2].Name = "Product Price";

string[] rw = new string[] { "1", "Product 1", "1000" };
dataGridView2.Rows.Add(row);
row = new string[] { "2", "Product 2", "2000" };
dataGridView2.Rows.Add(row);
row = new string[] { "3", "Product 3", "3000" };
dataGridView2.Rows.Add(row);
row = new string[] { "4", "Product 4", "4000" };
dataGridView2.Rows.Add(row);

}

private void Form1_Load(object sender, EventArgs e)
{

}

private void dataGridView3_RowsAdded(object sender,
DataGridViewRowsAddedEventArgs e)
{
string[] row = new string[] { "1", "Product 1", "1000" };
dataGridView2.Rows.Add(row);
row = new string[] { "2", "Product 2", "2000" };
dataGridView2.Rows.Add(row);
row = new string[] { "3", "Product 3", "3000" };
dataGridView2.Rows.Add(row);
row = new string[] { "4", "Product 4", "4000" };
}

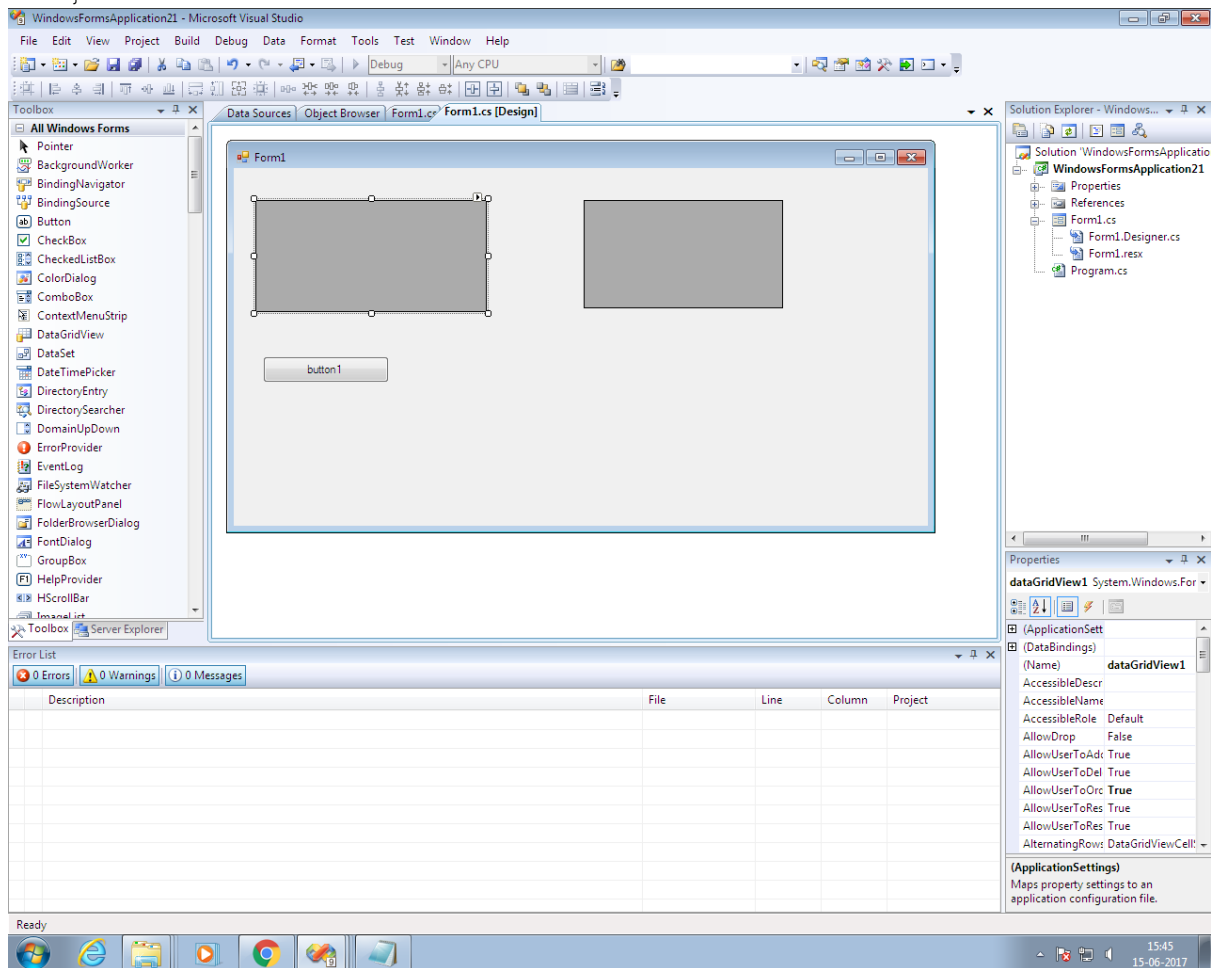
```

```

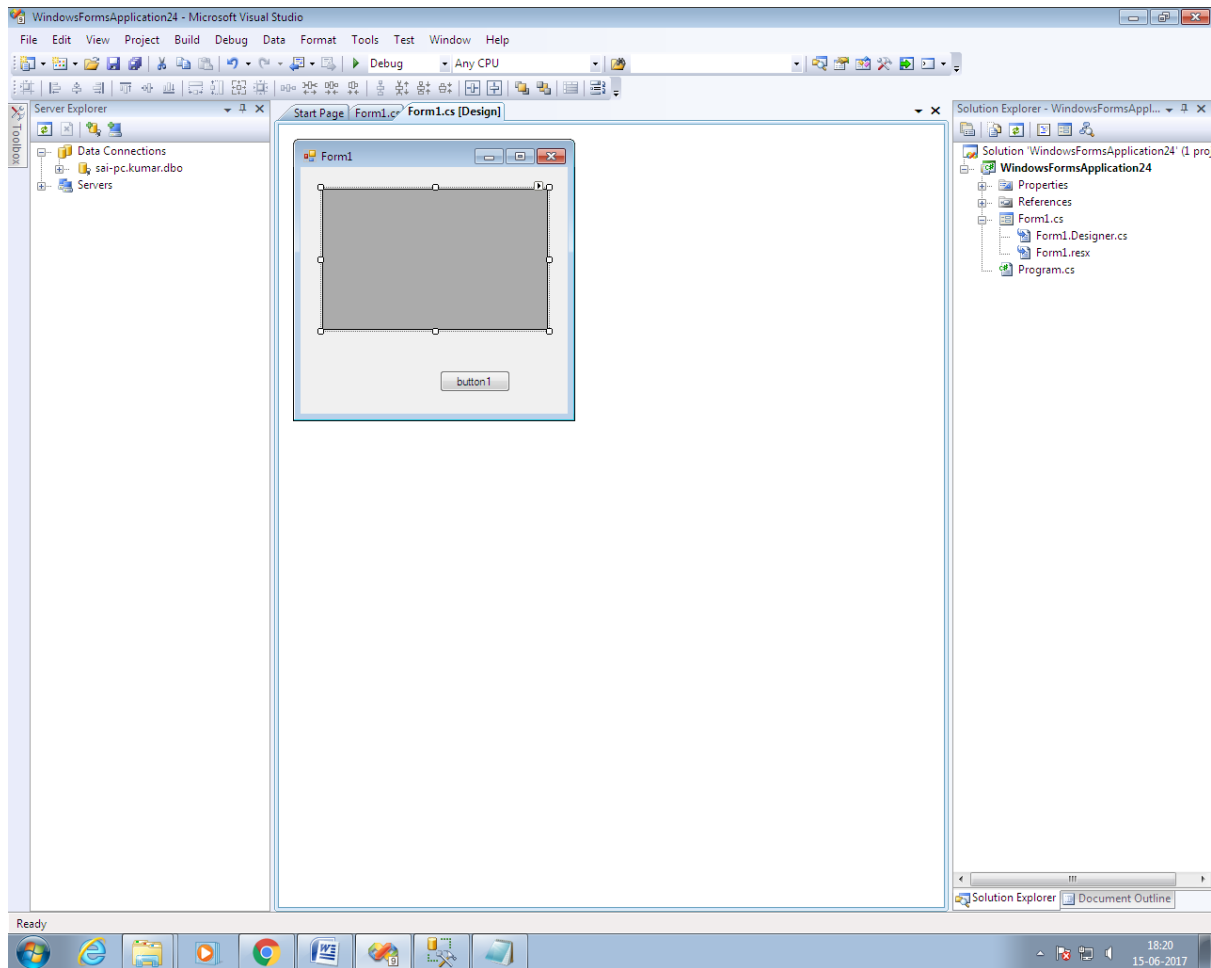
dataGridView2.Rows.Add(row);
}

private void dataGridView3_CellContentClick(object sender,
DataGridViewCellEventArgs e)
{
}
}
}

```



Grid view to databind:



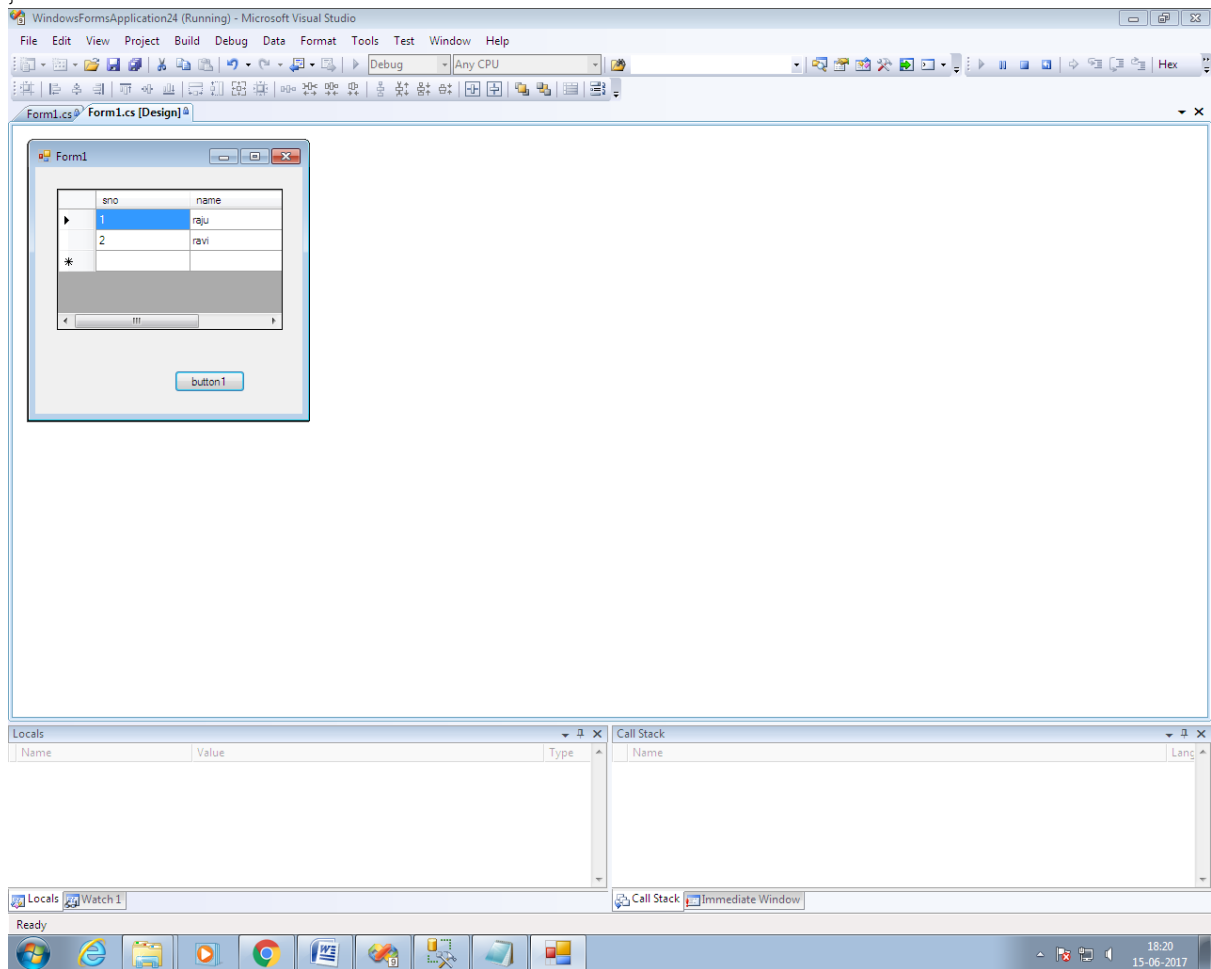
```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Data.SqlClient;

namespace WindowsFormsApplication24
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

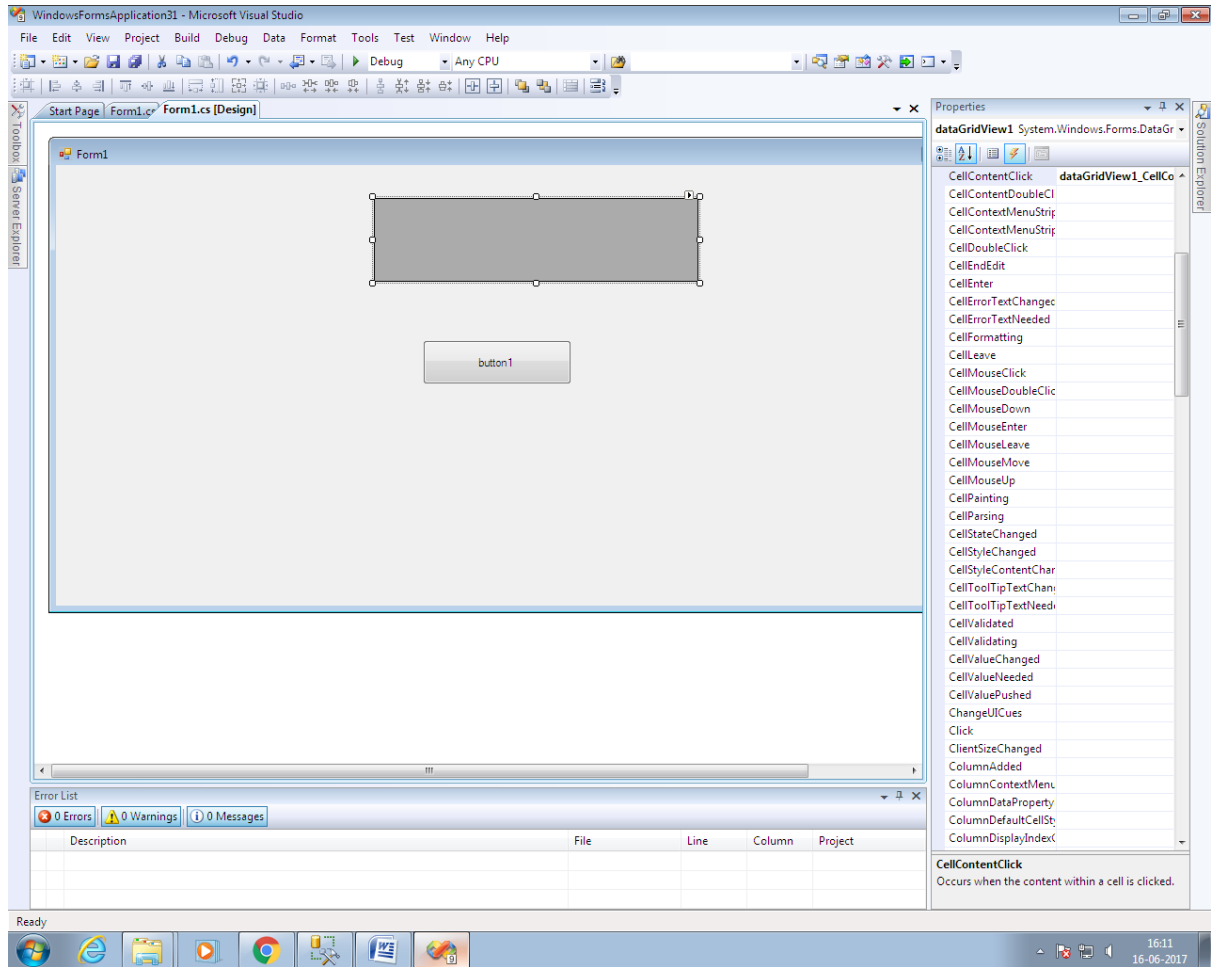
        private void button1_Click(object sender, EventArgs e)
        {

```

```
string connectionString = "data
source=localhost;database=kumar; user id=sa;password=123;";
string sql = "SELECT * FROM impt";
SqlConnection connection = new SqlConnection(connectionString);
SqlDataAdapter dataadapter = new SqlDataAdapter(sql,
connection);
DataSet ds = new DataSet();
connection.Open();
dataadapter.Fill(ds, "impt");
connection.Close();
dataGridView1.DataSource = ds;
dataGridView1.DataMember = "impt";
}
}
```



How to add link button in gridview



```
using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Windows.Forms;
using System.Data.SqlClient;
namespace WindowsFormsApplication31
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void dataGridView1_CellContentClick(object sender,
        DataGridViewCellEventArgs e)
        {

```

```

}

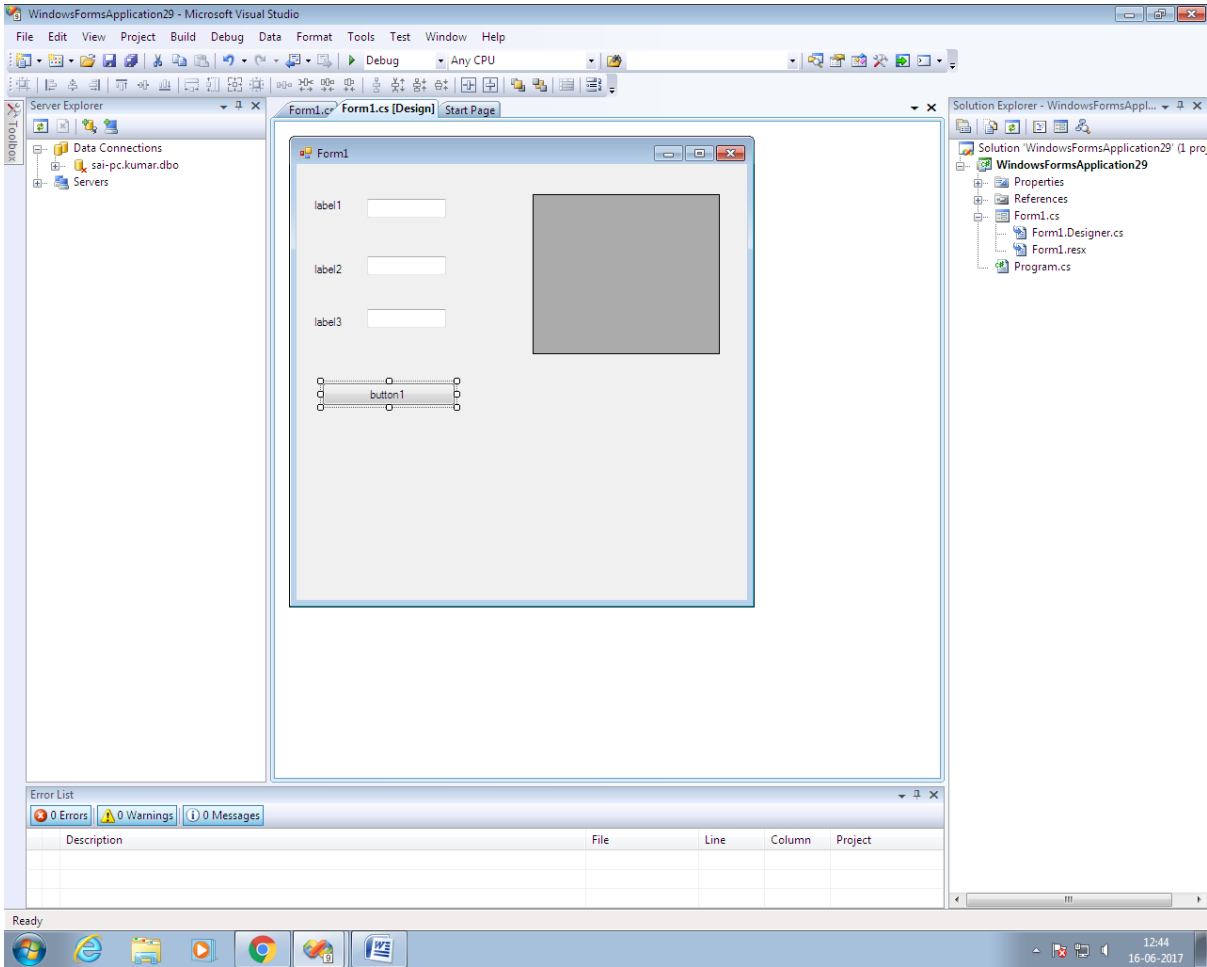
private void button1_Click(object sender, EventArgs e)
{
    dataGridView1.ColumnCount = 3;
    dataGridView1.Columns[0].Name = "Product ID";
    dataGridView1.Columns[1].Name = "Product Name";
    dataGridView1.Columns[2].Name = "Product Price";

    string[] row = new string[] { "1", "Product 1", "1000" };
    dataGridView1.Rows.Add(row);
    row = new string[] { "2", "Product 2", "2000" };
    dataGridView1.Rows.Add(row);
    row = new string[] { "3", "Product 3", "3000" };
    dataGridView1.Rows.Add(row);
    row = new string[] { "4", "Product 4", "4000" };
    dataGridView1.Rows.Add(row);

    DataGridViewLinkColumn lnk = new DataGridViewLinkColumn();
    dataGridView1.Columns.Add(lnk);
    lnk.HeaderText = "Link Data";
    lnk.Name = "insert";
    lnk.Text = "insert";
    lnk.UseColumnTextForLinkValue = true;
    DataGridViewLinkColumn lnk2 = new DataGridViewLinkColumn();
    dataGridView1.Columns.Add(lnk2);
    lnk2.HeaderText = "Link Data";
    lnk2.Name = "delete";
    lnk2.Text = "delete";
    lnk2.UseColumnTextForLinkValue = true;
}
}
}

```

How to add textbox values into grid view1:



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

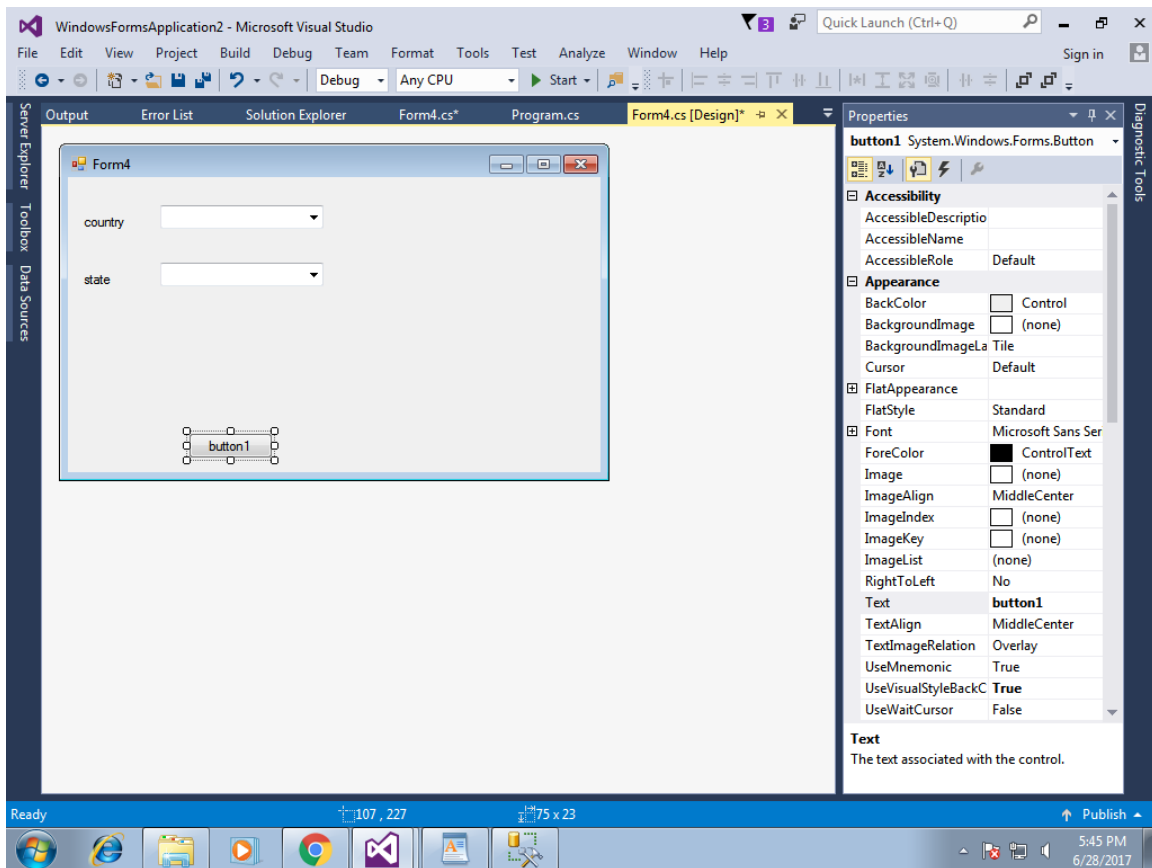
namespace WindowsFormsApplication29
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void dataGridView1_CellContentClick(object sender,
DataGridViewCellEventArgs e)
        {
        }

        private void button1_Click(object sender, EventArgs e)
        {
            DataTable table = new DataTable();

            // add columns to datatable
            table.Columns.Add(" name", typeof(string));
            table.Columns.Add("mobile", typeof(int));
            table.Columns.Add("address", typeof(string));

            table.Rows.Add(textBox1.Text, textBox2.Text, textBox3.Text);
            dataGridView1.DataSource = table;
        }
    }
}
```



```
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 WindowsFormsApplication2
{
    public partial class Form4 : Form
    {
        public Form4()
```

```

{
    InitializeComponent();
    refreshdata();
}

private void button1_Click(object sender, EventArgs e)
{
}

private void Form4_Load(object sender, EventArgs e)
{
}

private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
{
    if (comboBox1.SelectedValue.ToString() != null)
    {
        int countryid = Convert.ToInt32(comboBox1.SelectedValue.ToString());
        refreshstate(countryid);
    }
}

public void refreshdata()
{
    string connectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";
    DataRow dr;
    SqlConnection con = new SqlConnection(connectionString);

```

```

con.Open();

SqlCommand cmd = new SqlCommand("select * from country", con);

SqlDataAdapter sda = new SqlDataAdapter(cmd);

DataTable dt = new DataTable();

sda.Fill(dt);

con.Close();

dr = dt.NewRow();

dr.ItemArray = new object[] { 0, "--Select Country--" };

dt.Rows.InsertAt(dr, 0);

comboBox1.ValueMember = "countryid";

comboBox1.DisplayMember = "countryname";

comboBox1.DataSource = dt;
}

public void refreshstate(int countryid)
{
    string connectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    DataRow dr;

    SqlConnection con = new SqlConnection(connectionString);

    con.Open();

    SqlCommand cmd = new SqlCommand("select * from state where countryid=
@countryid", con);

    cmd.Parameters.AddWithValue("countryid", countryid);

    SqlDataAdapter sda = new SqlDataAdapter(cmd);

    DataTable dt = new DataTable();

    sda.Fill(dt);

    con.Close();

    dr = dt.NewRow();

    dr.ItemArray = new object[] { 0, "--Select State--" };

    dt.Rows.InsertAt(dr, 0);

    comboBox2.ValueMember = "stateid";
}

```

```
comboBox2.DisplayMember = "statename";
```

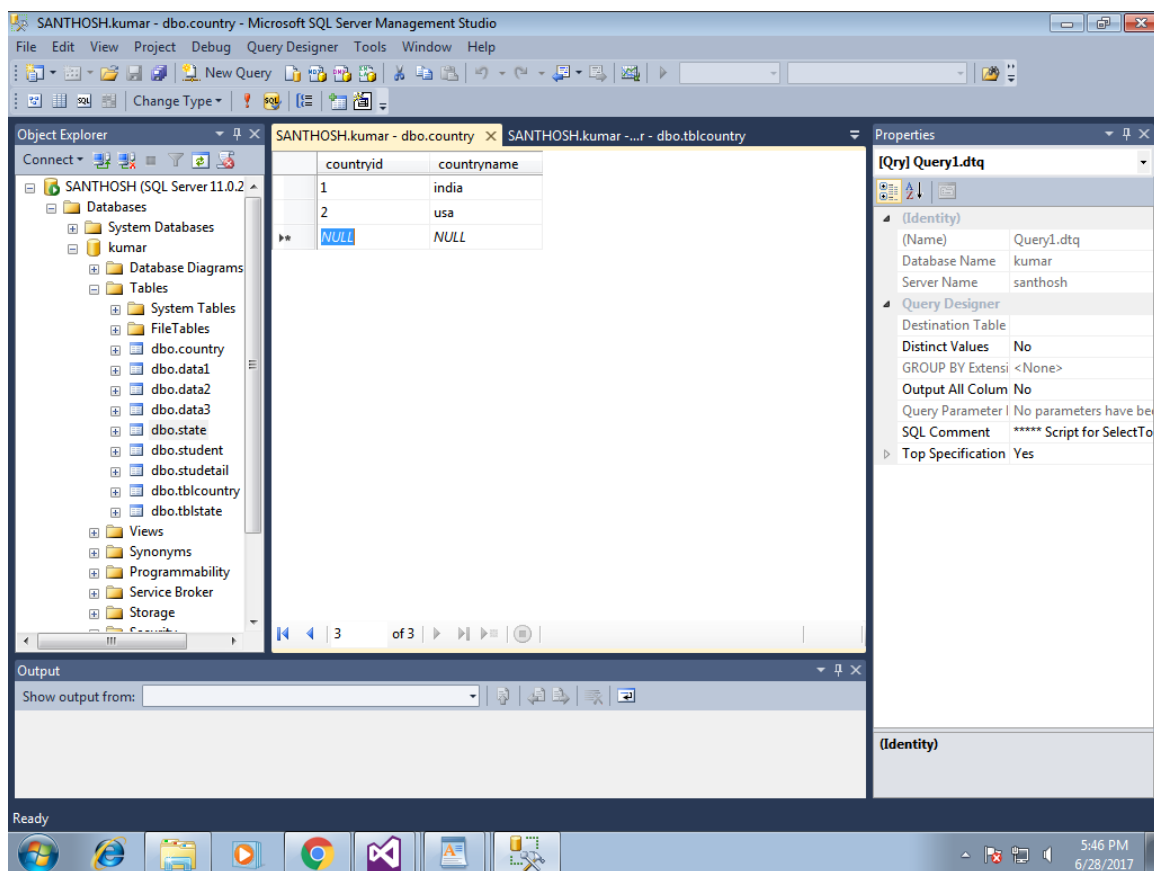
```
comboBox2.DataSource = dt;
```

```
}
```

```
}
```

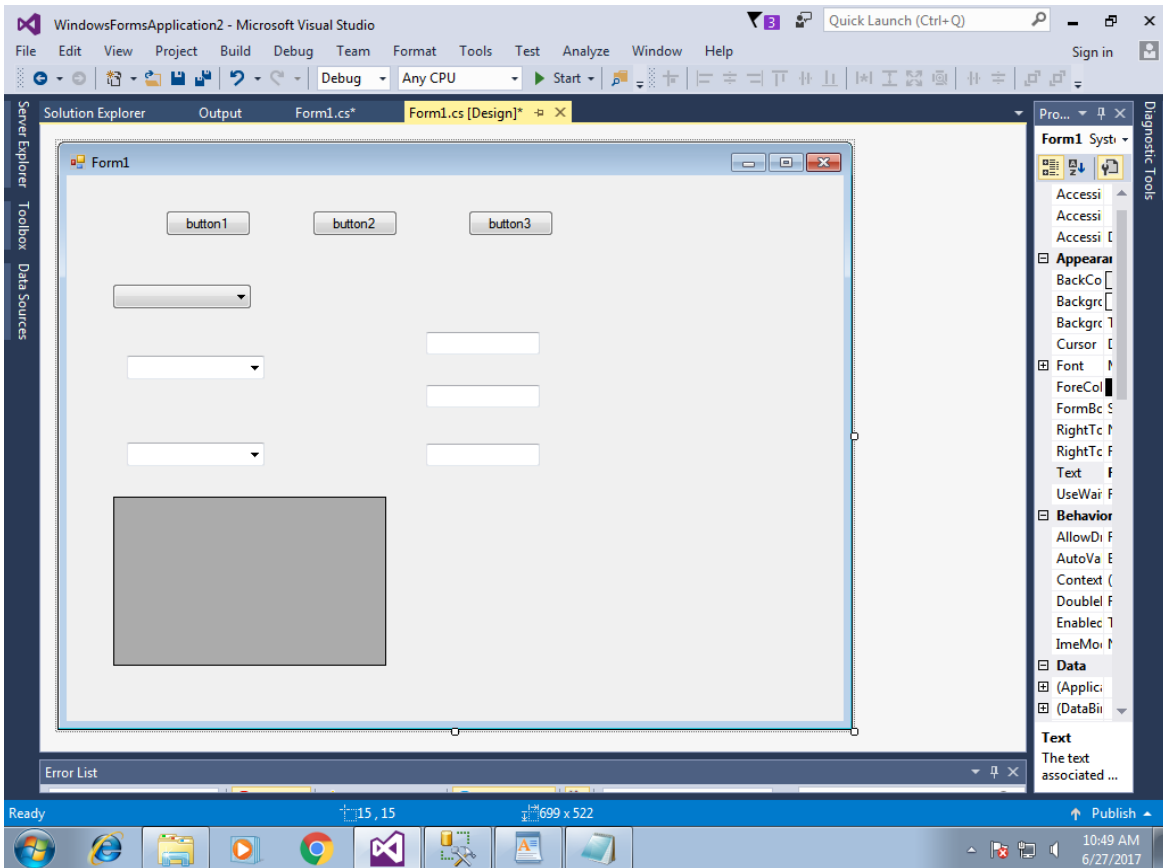
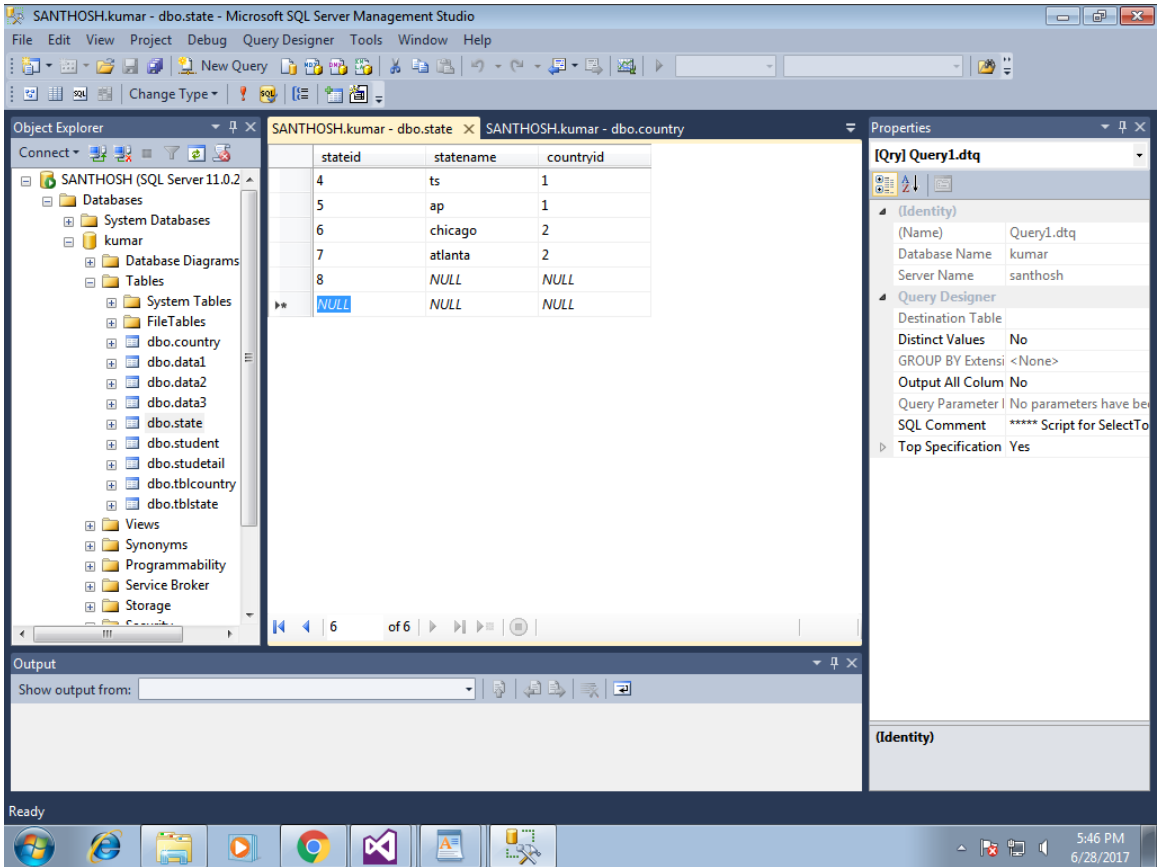
```
}
```

database:



state:

```
=====
```



send text box data to grid & check box & backend:

=====

```
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 WindowsFormsApplication2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            string qa = "null";

            string connectionString = "data source= SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

            string sq = "insert into data1(' + textBox1.Text + ',' + textBox2.Text
+ ',' + textBox3.Text + ')"
```



```
string sql = "SELECT * FROM data1";

SqlConnection connection = new SqlConnection(connectionString);

SqlDataAdapter da = new SqlDataAdapter(sql, connection);
DataTable dt = new DataTable();

da.Fill(dt);
comboBox1.Items.Clear();
for (int i = 0; i < dt.Rows.Count; i++)
{
    comboBox1.Items.Add(dt.Rows[i][1].ToString());
}
}

private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
{
}

private void button2_Click(object sender, EventArgs e)
{
    string connectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    SqlConnection connection = new SqlConnection(connectionString);
    connection.Open();
```

```

SqlCommand cmd = new SqlCommand();

        cmd.CommandText= "insert into data1 values ('" + textBox1.Text + "','" +
textBox2.Text + "','" + textBox3.Text + "')";

        cmd.Connection = connection;

        int n= cmd.ExecuteNonQuery();

        connection.Close();

    }

private void button3_Click(object sender, EventArgs e)
{
    string connectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    SqlConnection connection = new SqlConnection(connectionString);

    SqlDataAdapter ad;

    connection.Open();

    SqlCommand cmd = new SqlCommand();

    string str1 = "select * from data1";

    DataSet ds1 = new DataSet();

```

```
cmd.Connection = connection;
```

```
ad = new SqlDataAdapter(str1, connection);
```

```
ad.Fill(ds1, "data");
```

```
//ds1.Merge(ds2);
```

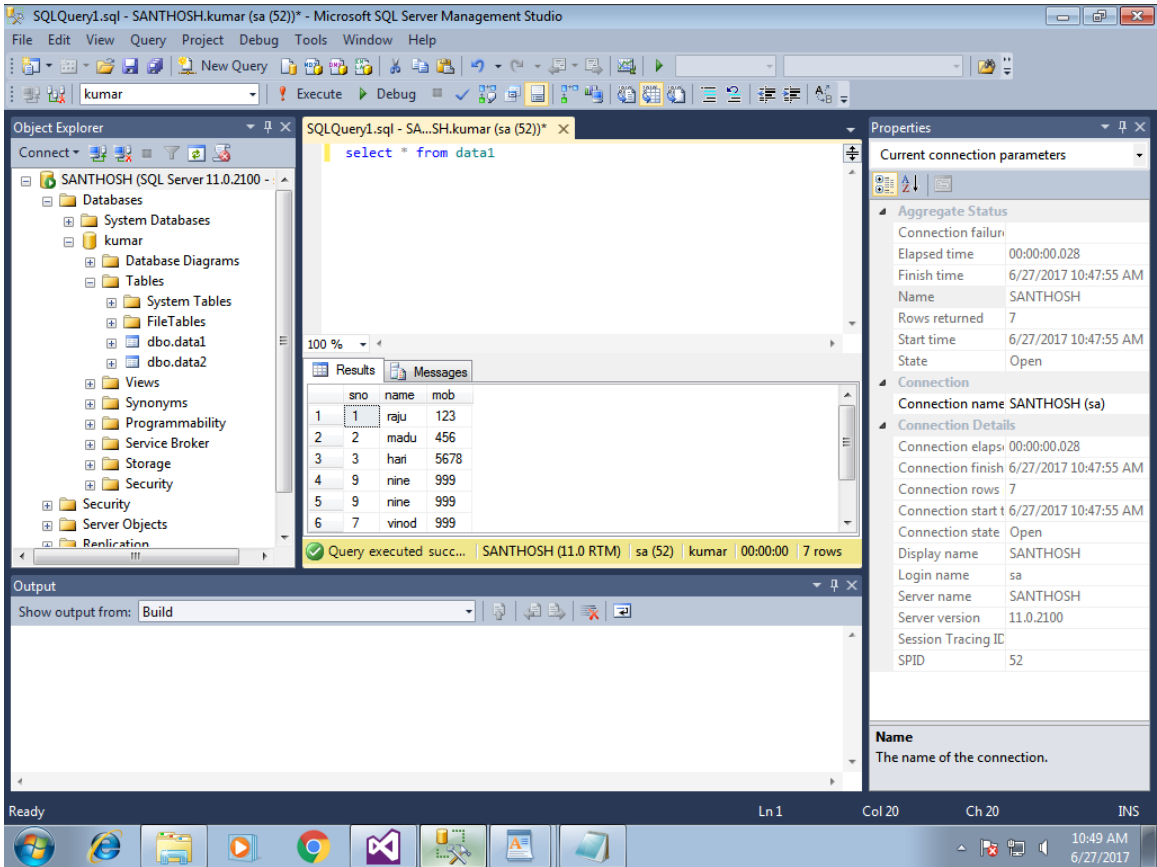
```
dataGridView1.DataSource = ds1.Tables[0];
```

```
connection.Close();
```

```
}
```

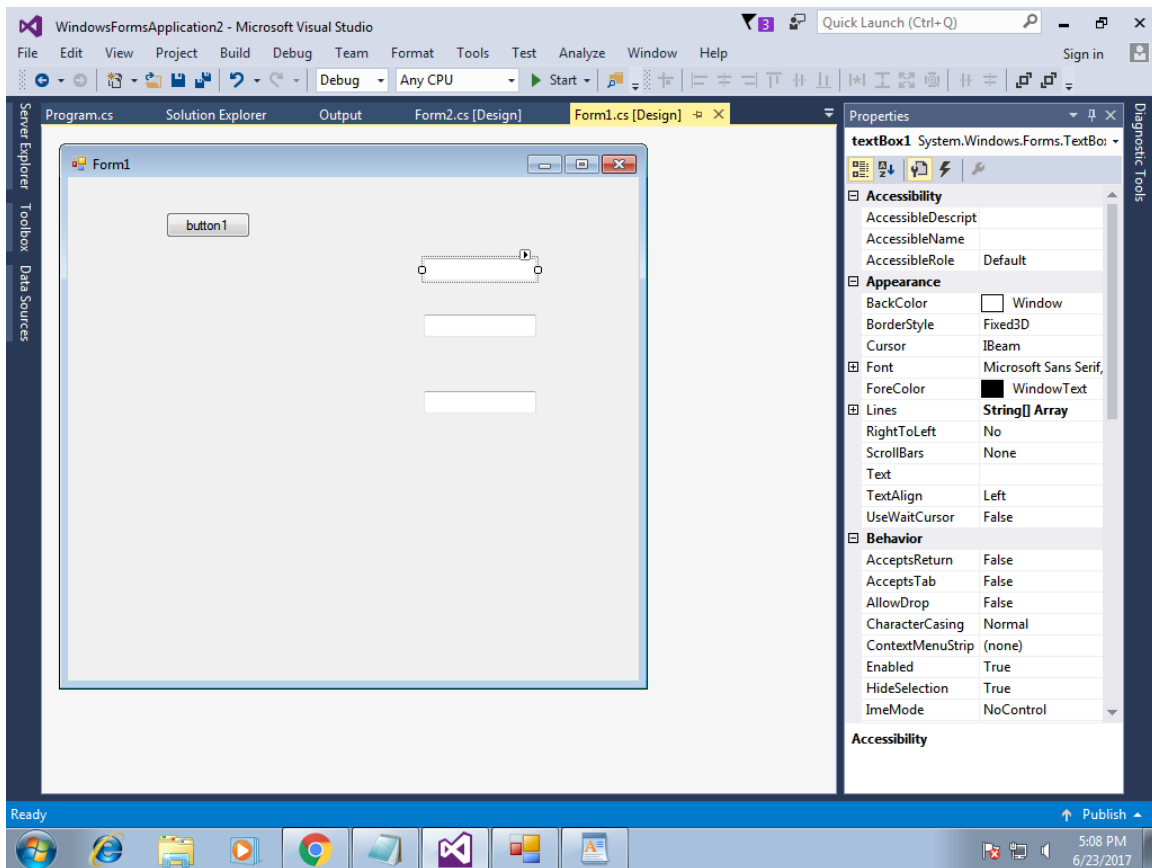
```
}
```

```
}
```



how to pass text box values in one form to grid in other form:

=====



```
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;

namespace WindowsFormsApplication2
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
    }
}
```

```
}

private void button1_Click(object sender, EventArgs e)
{
    DataTable dt = new DataTable();
    DataRow dr;

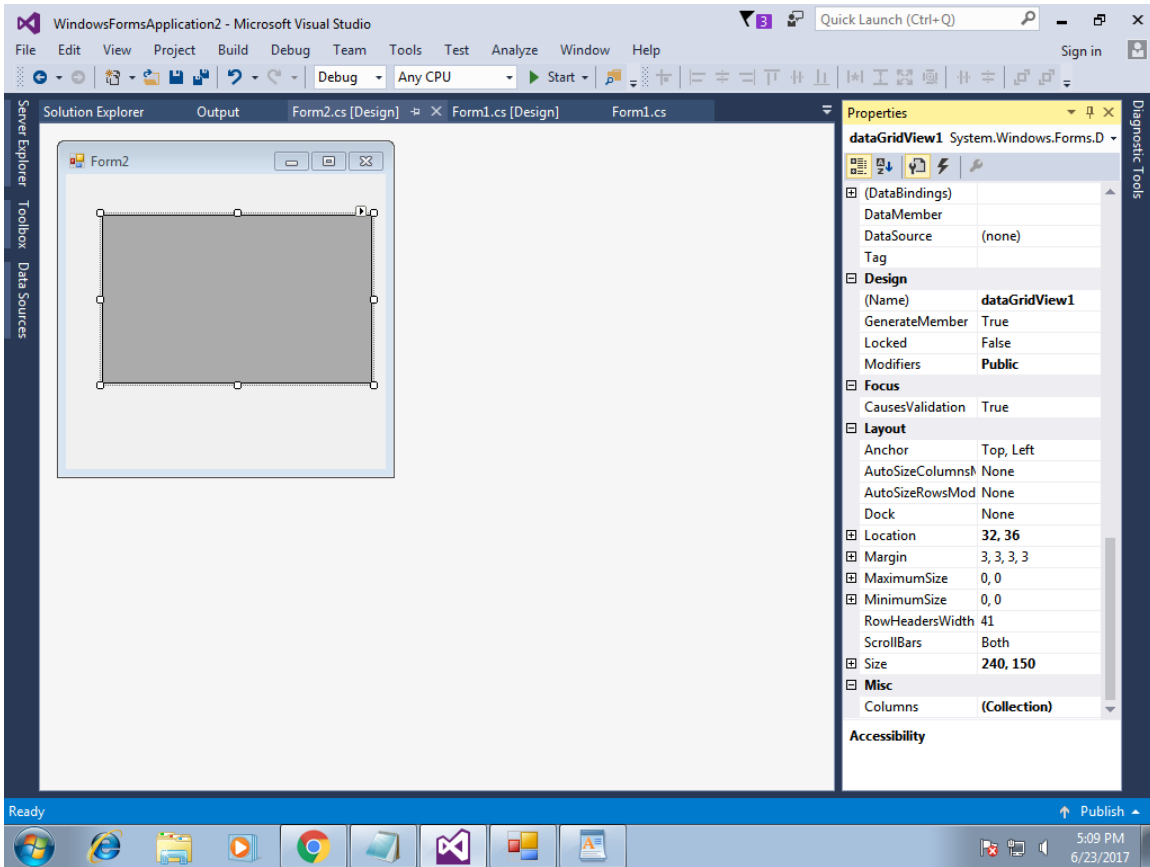
    dt.Columns.Add("Column1");
    dt.Columns.Add("Column2");
    dt.Columns.Add("Column3");
    dr = dt.NewRow();
    dr["column1"] = textBox1.Text;
    dr["column2"] = textBox2.Text;
    dr["column3"] = textBox3.Text;

    Form2 obj = new Form2();
    obj.Show();
    dt.Rows.Add(dr);
    obj.dataGridView1.DataSource = dt;

}
}
```

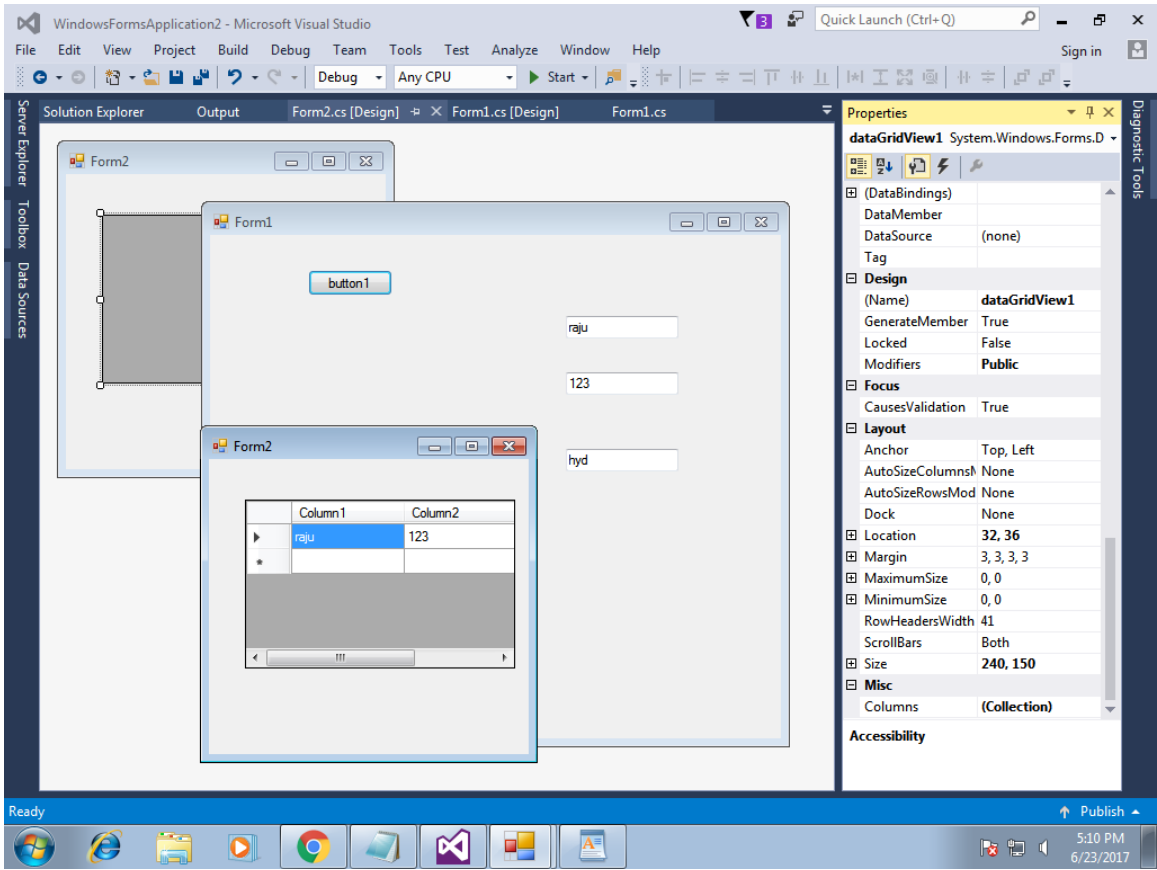
form 2:

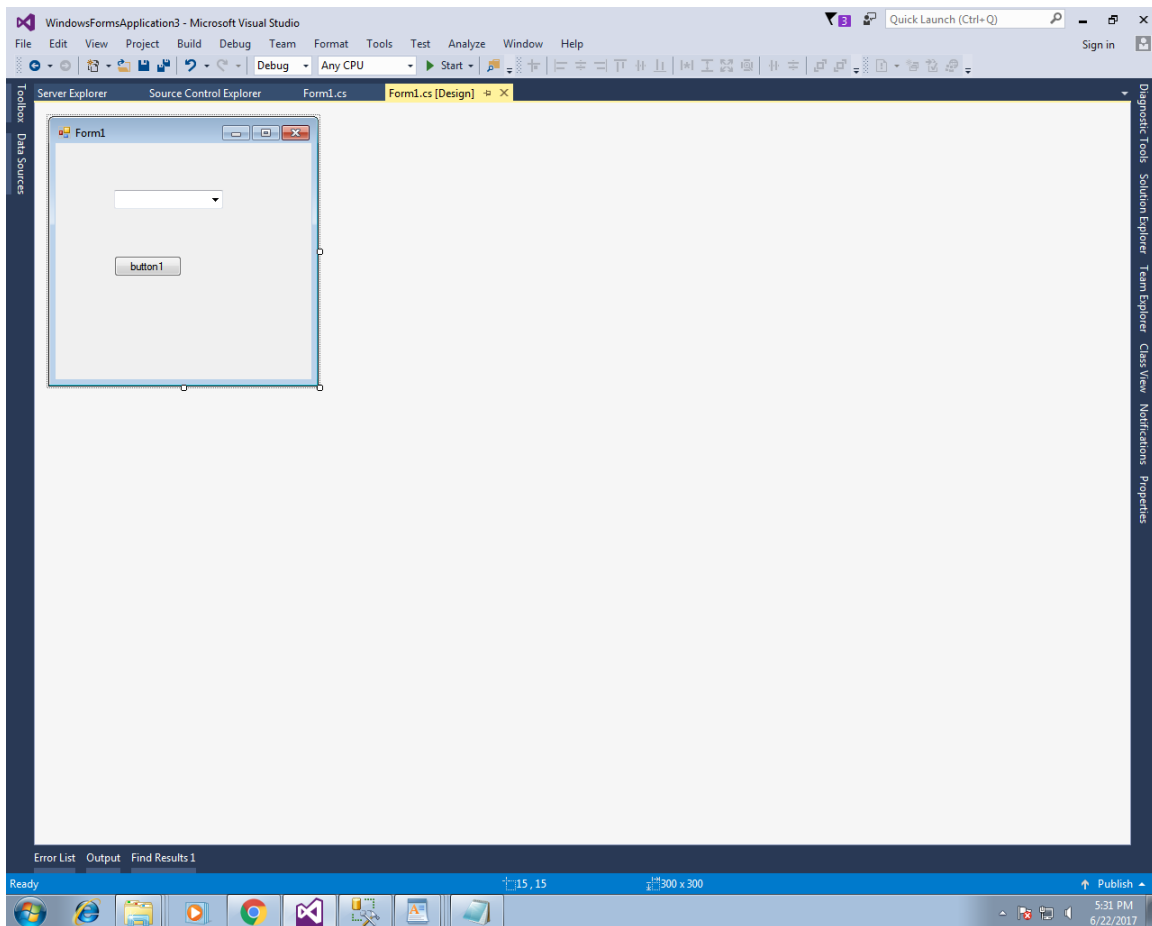
=====



set modifier to public:

=====

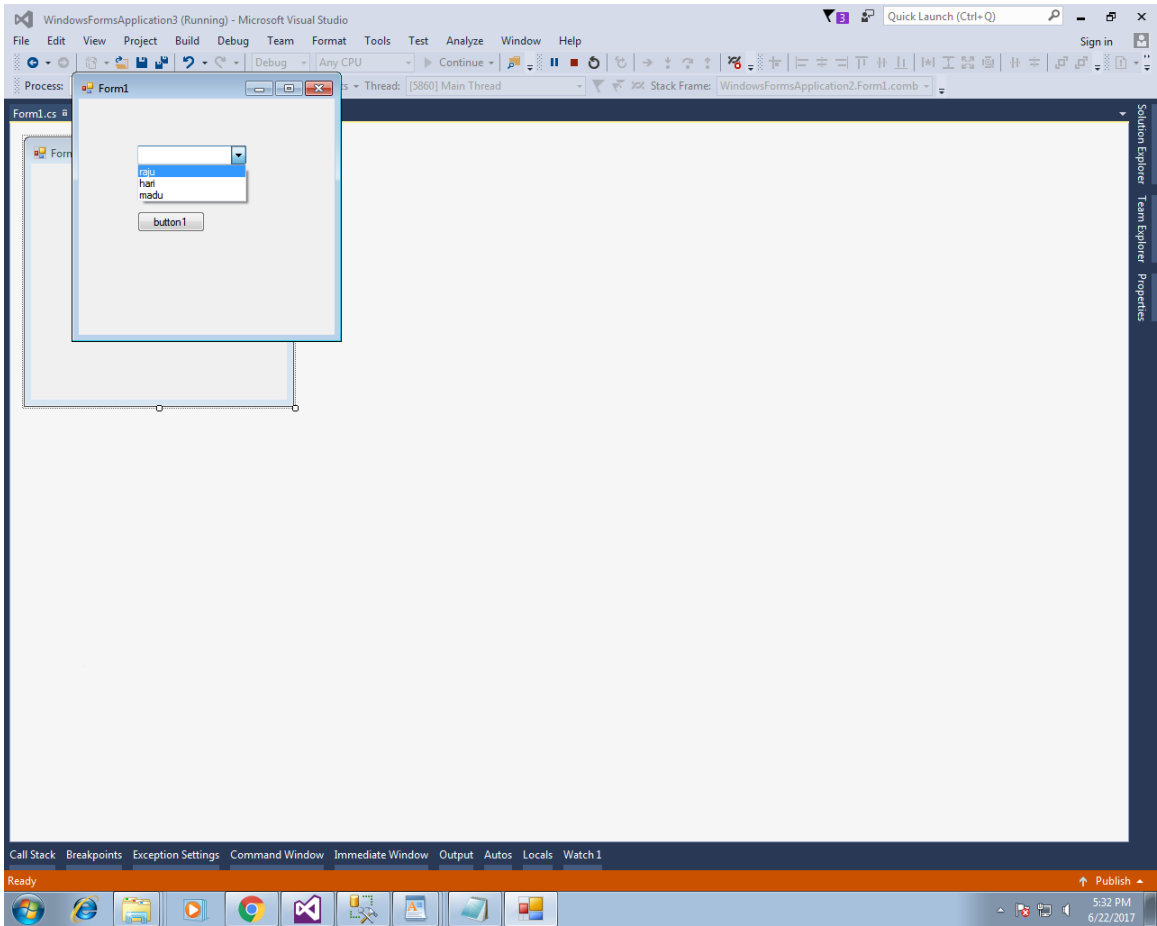




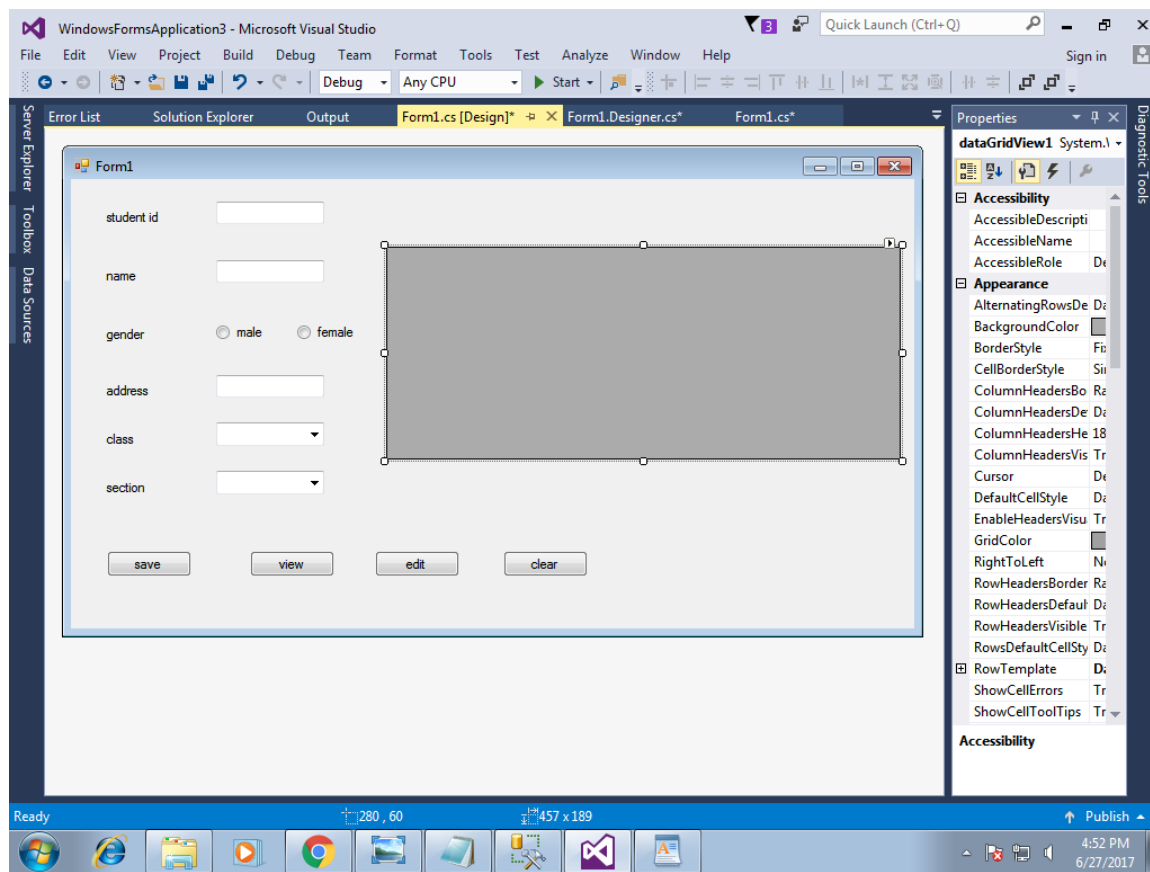
insert values into combo box from sql table

```
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 WindowsFormsApplication3
{
    public partial class Form1 : Form
```

```
{  
  
    public Form1()  
    {  
        InitializeComponent();  
    }  
  
    private void button1_Click(object sender, EventArgs e)  
    {  
        string connectionString = "data source=devtoolserver;database=kumar; user  
id=sa;password=LOGIC@123;";  
        string sql = "SELECT * FROM data1";  
        SqlConnection connection = new SqlConnection(connectionString);  
        SqlDataAdapter da = new SqlDataAdapter(sql, connection);  
        DataTable dt = new DataTable();  
  
        da.Fill(dt);  
        comboBox1.Items.Clear();  
        for (int i = 0; i < dt.Rows.Count;i++)  
        {  
            comboBox1.Items.Add(dt.Rows[i][1].ToString());  
        }  
    }  
}
```



insert update delete search with grid viewc#



```
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 WindowsFormsApplication3
{
    public partial class Form1 : Form
    {
        public Form1()
```

```

{
    InitializeComponent();
}

private void save_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection();

    cn.ConnectionString = "data source= SANTHOSH; database=kumar; user
id=sa; password=Logic@123;";

    cn.Open();

    string gen;
    if (radioButton1.Checked == true)
        gen = "Male";
    else
        gen = "Female";
    string clas = null;
    clas = comboBox1.Text;

    string section = null;
    section = comboBox2.Text;
    SqlCommand cmd = new SqlCommand();

    cmd.CommandText = "insert into studetail values('" + textBox1.Text + "','"
+ textBox2.Text + "','" + gen + "','" + textBox3.Text + "','" + clas + "','" + section
+ "')";

    cmd.Connection = cn;

    int n = cmd.ExecuteNonQuery();
    if (n > 0)
        MessageBox.Show(n + " Row Inserted.");
    else

```

```

        MessageBox.Show("Insertion failed.");
    cn.Close();
}

private void view_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection();

    cn.ConnectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    cn.Open();

    string gen;
    if (radioButton1.Checked == true)
        gen = "Male";
    else
        gen = "Female";
    string clas = null;
    clas = comboBox1.Text;

    string section = null;
    section = comboBox2.Text;
    SqlCommand cmd = new SqlCommand();
    cmd.Connection = cn;

    DataTable dt = new DataTable();

    SqlDataAdapter da = new SqlDataAdapter("select * from studetail where
studentid like '" + textBox1.Text + "'", cn);

    da.Fill(dt);
    dataGridView1.DataSource = dt;
    cn.Close();
}

```

```

//}

private void edit_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection();

    cn.ConnectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    cn.Open();

    string gen;

    if (radioButton1.Checked == true)
        gen = "Male";

    else
        gen = "Female";

    string clas = null;

    clas = comboBox1.Text;

    string section = null;

    section = comboBox2.Text;

    SqlCommand cmd = new SqlCommand();

    cmd.CommandText = "update studetail set studentid='" + textBox1.Text +
"',name='" + textBox2.Text + "',gender='" + gen + "',address='" + textBox3.Text +
"',class='" + comboBox1.Text + "',section='" + comboBox2.Text + "'";

    cmd.Connection = cn;

    //presentation logic

    int n = cmd.ExecuteNonQuery();

    if (n > 0)

        MessageBox.Show(n + " Row Updated.");

    else

```

```

        MessageBox.Show("Updation failed.");
    cn.Close();

}

private void clear_Click(object sender, EventArgs e)
{
    SqlConnection cn = new SqlConnection();

    cn.ConnectionString = "data source=SANTHOSH;database=kumar; user
id=sa;password=Logic@123;";

    cn.Open();

    string gen;

    if (radioButton1.Checked == true)
        gen = "Male";
    else
        gen = "Female";

    string clas = null;
    clas = comboBox1.Text;

    string section = null;
    section = comboBox2.Text;

    SqlCommand cmd = new SqlCommand();

    cmd.Connection = cn;

    cmd.CommandText = "delete from studetail where studentid='" +
textBox1.Text + "'";

    cmd.Connection = cn;

    int n = cmd.ExecuteNonQuery();

    //presentation logic

    if (n > 0)

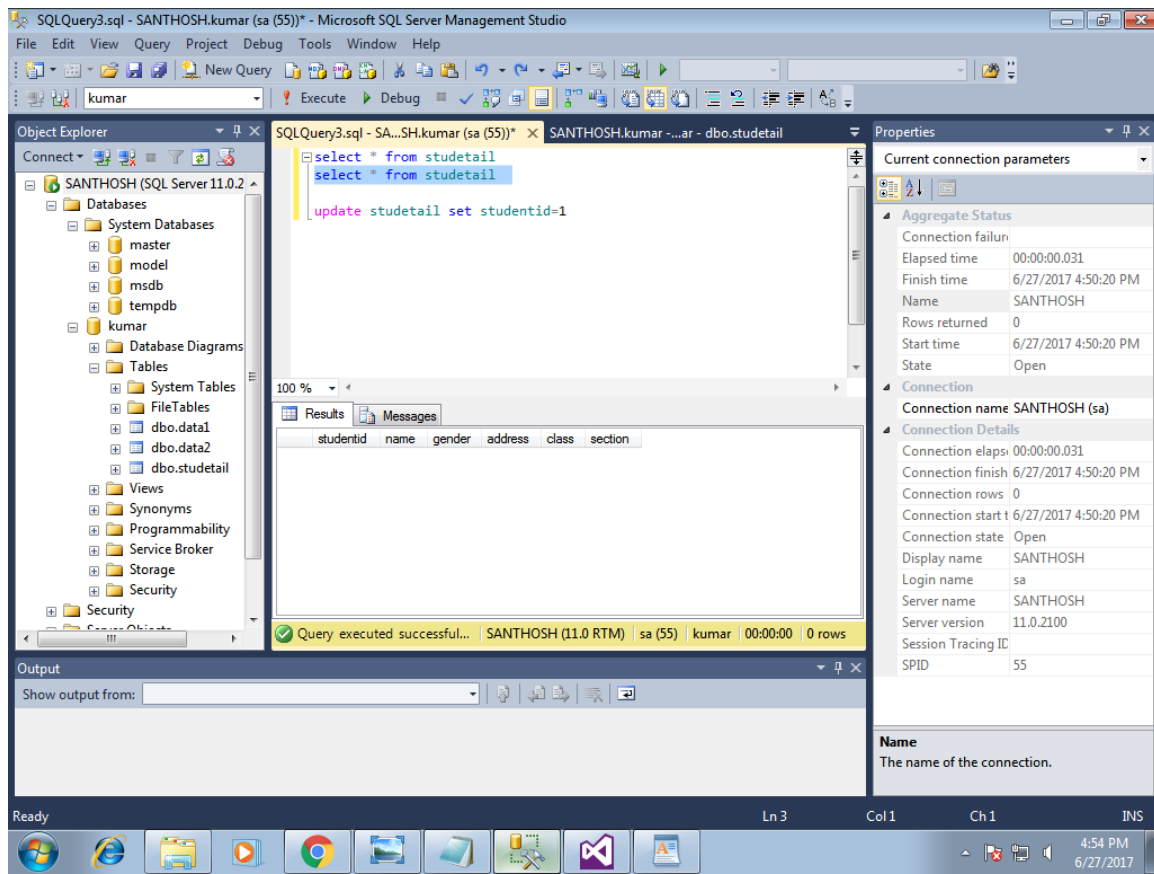
```

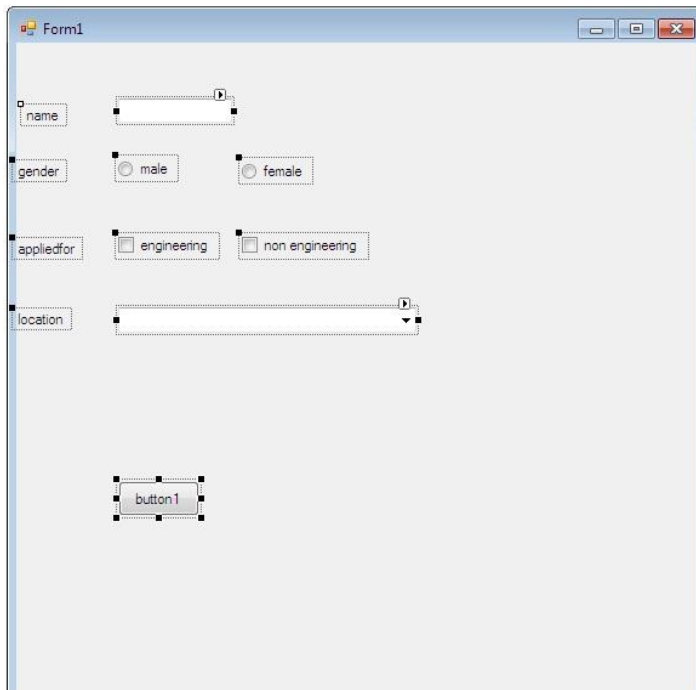


```

        MessageBox.Show(n + " Row Deleted.");
    else
        MessageBox.Show("Deletion failed.");
    cn.Close();
}
}
}

```





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

```
namespace WindowsFormsApplication14
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            //Connection impl

            SqlConnection cn = new SqlConnection();

            cn.ConnectionString = "data source=localhost;database=kumar; user
id=sa;password=123;";

            cn.Open();

            string gen;

            if (radioButton1.Checked == true)
                gen = "Male";

            else
                gen = "Female";

            string post = null; ;

            if (checkBox1.Checked == true)
```

```
{
    post = " enginner";
}
if (checkBox2.Checked == true)
{
    post = "non enginner";
}

string location = null; ;

    location = comboBox1.Text;

//Command impl
SqlCommand cmd = new SqlCommand();

cmd.CommandText = "insert into data4 values('" + textBox1.Text + "','" + gen +
"', '"+post + "','" +location+"')";

cmd.Connection = cn;

int n = cmd.ExecuteNonQuery();

if (n > 0)

    MessageBox.Show(n + " Row Inserted.");

else

    MessageBox.Show("Insertion failed.");

cn.Close();
}
```

}
}