



```
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 Assignment_autoincrement_accepting_value_from_user
{

    public partial class Form1 : Form
    {

        public Form1()
        {

            InitializeComponent();

        }

        DataTable dt = new DataTable("student");

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

```

try
{
    DataRow row1 = dt.NewRow();

    row1["name"] = textBox2.Text;
    row1["email"] = textBox3.Text;
    dt.Rows.Add(row1);

    textBox2.Clear();
    textBox3.Clear();
    textBox2.Focus();

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

private void button2_Click(object sender, EventArgs e)
{
    StringBuilder sb = new StringBuilder();
    //iterating the datatable rows
    foreach (DataRow dr in dt.Rows)
    {
        sb.Append(dr["id"]+" "+dr["name"]+" " + dr["email"]+"\n");
    }
    label4.Text=sb.ToString();
}

```

```

    }

    private void Form1_Load(object sender, EventArgs e)
    {
        DataColumn col1 = new DataColumn("id");
        col1.AllowDBNull = true;
        col1.AutoIncrement = true;
        col1.AutoIncrementSeed = 600;
        col1.AutoIncrementStep = 10;
        dt.Columns.Add(col1);

        DataColumn col2 = new DataColumn("name");
        col2.MaxLength = 50;
        dt.Columns.Add(col2);

        DataColumn col3 = new DataColumn("email");
        dt.Columns.Add(col3);
    }
}

```