

```
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 Auto_increament_3
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        DataTable dt = new DataTable("student");
        private void button1_Click(object sender, EventArgs e)
        {
            DataRow r1 = dt.NewRow();
            r1["name"] = textBox1.Text;
            r1["email"] = textBox2.Text;
            dt.Rows.Add(r1);
            textBox1.Clear();
            textBox2.Clear();
            textBox1.Focus();
        }
    }
}
```

```

private void button2_Click(object sender, EventArgs e)
{
    StringBuilder sb = new StringBuilder();
    foreach (DataRow dr in dt.Rows)
    {
        sb.Append(dr["id"] + "    " + dr["name"] + "    " + dr["email"] +
"\n");
    }
    label3.Text = sb.ToString();
}

private void Form1_Load(object sender, EventArgs e)
{
    DataColumn id = new DataColumn
    {
        ColumnName = "id",
        DataType = System.Type.GetType("System.Int32"),    // <--- u can
also use insted of    DataType = typeof(int)
        AutoIncrement = true,
        AutoIncrementSeed = 10,
        AutoIncrementStep = 10
    };
    dt.Columns.Add(id);

    // another way to write above column id

    //DataColumn ID = new DataColumn("ID");
    //ID.ColumnName = "ID";
    //ID.DataType = typeof(int);
    //ID.AutoIncrement = true;
    //ID.AutoIncrementSeed = 110;
    //ID.AutoIncrementStep = 10;
    //dt.Columns.Add(ID);

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

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

```