

Form1

Create Table Display Data

Product id = 111 Product name = Horics Product price = 100
 Product id = 121 Product name = Complain Product price = 110

Activate Windows
 Go to Settings to activate Windows.

```

using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;          // focus here, it is already present
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
using System.Windows.Forms;

namespace Datatable_3
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        DataTable dt=new DataTable("Product");
        private void button1_Click(object sender, EventArgs e)
        {
            DataColumn c1 = new DataColumn("prod_id");
            c1.DataType = typeof(int);
            c1.Unique = true;
            c1.AllowDBNull = false;
            dt.Columns.Add(c1);

            DataColumn c2 = new DataColumn("prod_name");

```

```

c2.DataType = typeof(string);
dt.Columns.Add(c2);

DataColumn c3 = new DataColumn("prod_price");
c3.DataType = typeof(int);
c3.AllowDBNull = false;
dt.Columns.Add(c3);

DataRow dr1 = dt.NewRow();
dr1["prod_id"] = 111;
dr1["prod_name"] = "Horlics";
dr1["prod_price"] = 100;
dt.Rows.Add(dr1);

DataRow dr2 = dt.NewRow();
dr2["prod_id"] = 121;
dr2["prod_name"] = "Complain";
dr2["prod_price"] = 110;
dt.Rows.Add(dr2);
MessageBox.Show("Data table created successfully");
}

private void button2_Click(object sender, EventArgs e)
{
    StringBuilder sb = new StringBuilder();
    foreach (DataRow d in dt.Rows)
    {
        sb.Append("Product id = " + d["prod_id"] + "    " + "Product name = "
+ d["prod_name"] + "    " + "Product price = " + d["prod_price"]+"\n");
    }
    label1.Text=sb.ToString();
}
}

```