```csharp
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 DataTable_DataColumn_DataRow3

{

    public partial class Form1 : Form

    {

        public Form1()

        {

            InitializeComponent();

        }

        //create DataTable

        DataTable dt=new DataTable("product");

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

```csharp
{
    //create Column

    DataColumn col1=new DataColumn("proid");
        col1.DataType=typeof(int);
        col1.Unique=true;
        col1.AllowDBNull = false;
        col1.Caption = ("product id");
        dt.Columns.Add(col1);


        DataColumn col2 = new DataColumn("proname");
        col2.DataType=typeof(string);
        col2.Caption = ("product name");
        dt.Columns.Add(col2);


        DataColumn col3 = new DataColumn("price");
        col3.DataType=typeof(decimal);
        col3.Caption = "product price";
        dt.Columns.Add(col3);


        //create a new row
        DataRow row1=dt.NewRow();
        row1["proid"] = 11;
        row1["proname"] = "keyboard";
        row1["price"] = 500;
        dt.Rows.Add(row1);


        DataRow row2=dt.NewRow();
        row2["proid"] = 12;
        row2["proname"] = "keys";
```

```csharp
            row2["price"] = 400;

            dt.Rows.Add(row2);


            MessageBox.Show("data table created successfully");


        }


        private void button2_Click(object sender, EventArgs e)
        {
            StringBuilder sb = new StringBuilder();
            //iterating the datatable row
            foreach(DataRow dr in dt.Rows)
            {
                sb.Append("product id " + dr["proid"] + ", "
                    + "product name " + dr["proname"] + " ,"
                    + "price " + dr["price"] + "\n");
            }
            label1.Text = sb.ToString();
        }
    }
}
```