```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_4
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }
        DataTable dt = new DataTable("Product");
        private void Form1_Load(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);
```

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

            dt.PrimaryKey = new DataColumn[] { c1 };      // primary key setting
        }

        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");
            }
            label4.Text = sb.ToString();
        }

        private void button1_Click(object sender, EventArgs e)
        {
            try
            {
                DataRow dr = dt.NewRow();
                dr["prod_id"] = Convert.ToInt32(textBox1.Text);
                dr["prod_name"] = textBox2.Text;
                dr["prod_price"] = Convert.ToInt32(textBox3.Text);
                dt.Rows.Add(dr);
                MessageBox.Show("Data added successfully");
                textBox1.Clear();
                textBox2.Clear();
                textBox3.Clear();
                textBox1.Focus();
            }
            catch(Exception ee)
            {
                // textBox1.Clear();
                // textBox1.Focus();
                // MessageBox.Show("Product id must not unique");
                MessageBox.Show(ee.Message);
            }


        }
    }
}
```