



```
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 Accepting_values_from_user_and_storing_in_DataRow
```

```
{
```

```
    public partial class Form1 : Form
```

```
    {
```

```
        public Form1()
```

```
        {
```

```
            InitializeComponent();
```

```
        }
```

```
        //create DataTable
```

```
        DataTable dt=new DataTable("product");
```

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

```

{
    //creating a new row
    DataRow row1 = dt.NewRow();
    row1["proid"] = Convert.ToInt32(textBox1.Text);
    row1["praname"] = textBox2.Text;
    row1["price"] = Convert.ToDecimal(textBox3.Text);
    //adding row to datatable
    dt.Rows.Add(row1);

    textBox1.Clear();
    textBox2.Clear();
    textBox3.Clear();
    textBox1.Focus();
}

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

```

```

private void Form1_Load(object sender, EventArgs e)
{
    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);

}
}
}

```