

LAB SHEET 12

Windows Forms Application

1. Shop keeper wants to calculate the product price using Windows form. Design a Windows form for collecting Product ID , name, qty, and Price. Show the output by clicking on the calculate button and reset the form by clicking the reset button. User should not change the total amount.

The screenshot shows a Windows Forms application window titled "Product". The window has a standard Windows title bar with minimize, maximize, and close buttons. The main area of the window is light gray and contains five text boxes arranged vertically. Each text box is preceded by a label: "Product Id", "Product Name", "Price", "Quantity", and "Total Amount". The "Product Id" text box has a blue border and a cursor. Below the text boxes are two buttons: "Calculate" and "Reset".

```
using System;
using System.Windows.Forms;

namespace Basiccontrols
{
    public partial class Product : Form
    {
        public Product()
        {
            InitializeComponent();
        }
    }
}
```

```

private void button1_Click(object sender, EventArgs e)
{
    MessageBox.Show(" You have selected " + textBox2.Text);
    int a = Convert.ToInt32(textBox3.Text);
    int b = Convert.ToInt32(textBox4.Text);
    int c = a * b;
    textBox5.Text = c.ToString();
    textBox5.Enabled = false;

}

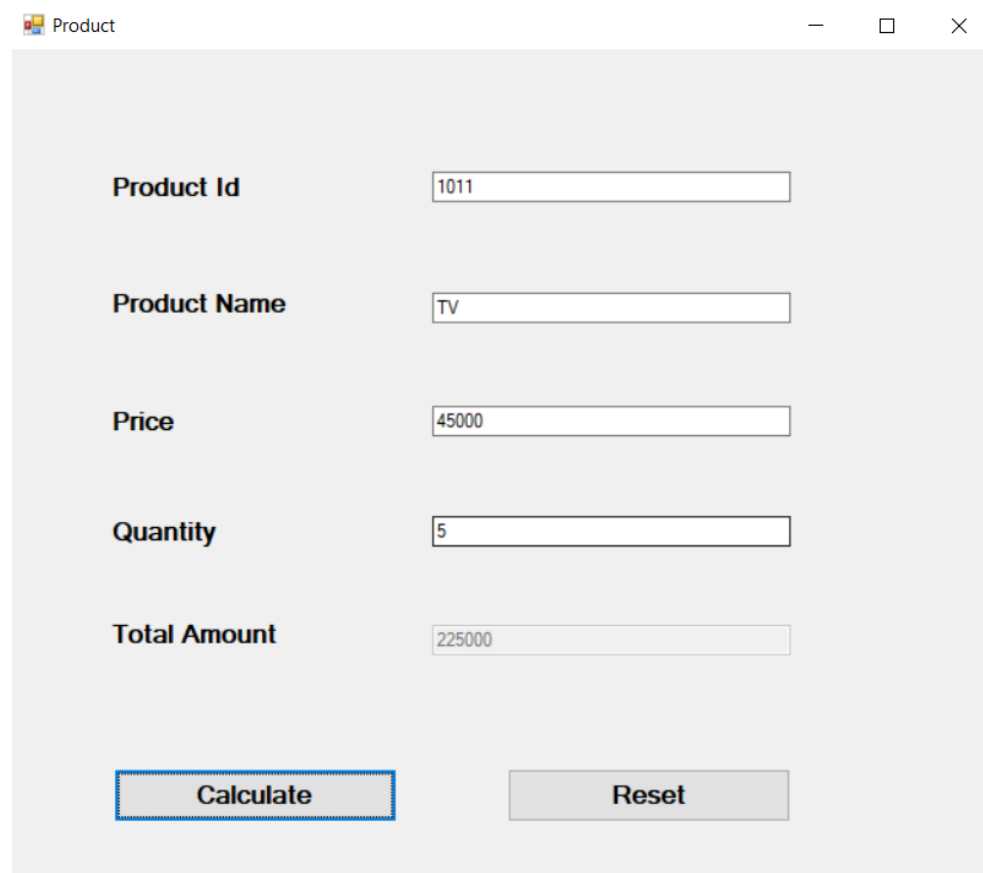
private void button2_Click(object sender, EventArgs e)
{
    textBox1.Text = "";
    textBox2.Text = "";
    textBox3.Text = "";
    textBox4.Text = "";
    textBox5.Text="";

}
}

```

Output :


Clicking Calculate Button



The screenshot shows a Windows application window titled "Product". The window contains a form with the following elements:

- Product Id:** A text box containing the value "1011".
- Product Name:** A text box containing the value "TV".
- Price:** A text box containing the value "45000".
- Quantity:** A text box containing the value "5".
- Total Amount:** A text box containing the value "225000".
- Buttons:** At the bottom of the form, there are two buttons: "Calculate" (highlighted with a blue border) and "Reset".

Clicking on Reset Button

 Product—□✕

Product Id

Product Name

Price

Quantity

Total Amount

Calculate

Reset

2. University is asking students to fill up the registration form for the new semester. Design a Windows application form with appropriate fields.

Student Registration Form

Enter Your Roll No

Enter Your Name

Gender ☐ Male ☐ Female

Date of Birth

Select Your Course ☐ C# Programming ☐ Data Mining
☐ C++ ☐ Cryptography and Security

Select Your Branch

Your Interest

Submit **Reset**

label9

```
using System;
using System.Windows.Forms;

namespace Basiccontrols
{
    public partial class Form1 : Form
    {
        string s1, s2, s3, s4;

        private void comboBox1_SelectedIndexChanged(object sender, EventArgs e)
        {
            s4 = comboBox1.Text;
        }

        private void button2_Click(object sender, EventArgs e)
        {
            textBox1.Text = "";
            textBox2.Text = "";
        }

        private void button1_Click(object sender, EventArgs e)
        {
            s1 = textBox1.Text;
            s2 = textBox2.Text;
            label9.Visible = true;
            label9.Text = (" Welcome!!! " + " Your roll number is " + s1 + "
Your name is " + s2 + " Your branch is " + s4);
            MessageBox.Show("Registered Successfully");
        }
    }
}
```

```

    }

    public Form1()
    {
        InitializeComponent();
    }

    private void radioButton1_CheckedChanged(object sender, EventArgs e)
    {
        if(radioButton1.Checked)
        {
            s3 = radioButton1.Text;
        }
        else
        {
            s3= radioButton2.Text;
        }
        MessageBox.Show("Your Gender is " + s3);
    }
}
}

```

Student Form

Student Registration Form

Enter Your Roll No

Enter Your Name

Gender ☒ Male ☐ Female

Date of Birth


Select Your Course ☐ C# Program ☐ C++

Select Your Branch

Your Interest

Music
 Reading
 Sports
 Dancing

label9



PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS


cy and Security

×

Your Gender is Male

Student Form

Student Registration Form



PRESIDENCY UNIVERSITY
GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

Enter Your Roll No

Enter Your Name

Gender ☒ Male ☐ Female

Date of Birth

Select Your Course ☒ C# Programming ☐ Data Mining
☐ C++ ☐ Cryptography and Security

Select Your Branch

Your Interest
Reading
Sports
Dancing

Registered Successfully

OK

Welcome!!! Your roll number is 201211CSE1011 Your name is SANTY Your branch is CSEYour Hobby is Music

Assessment 12:

University is organizing a cultural festival and organizing teams want to collect registration for various events. Design a suitable form.