

TP 12

Nama:Fahmi hasan asagaf

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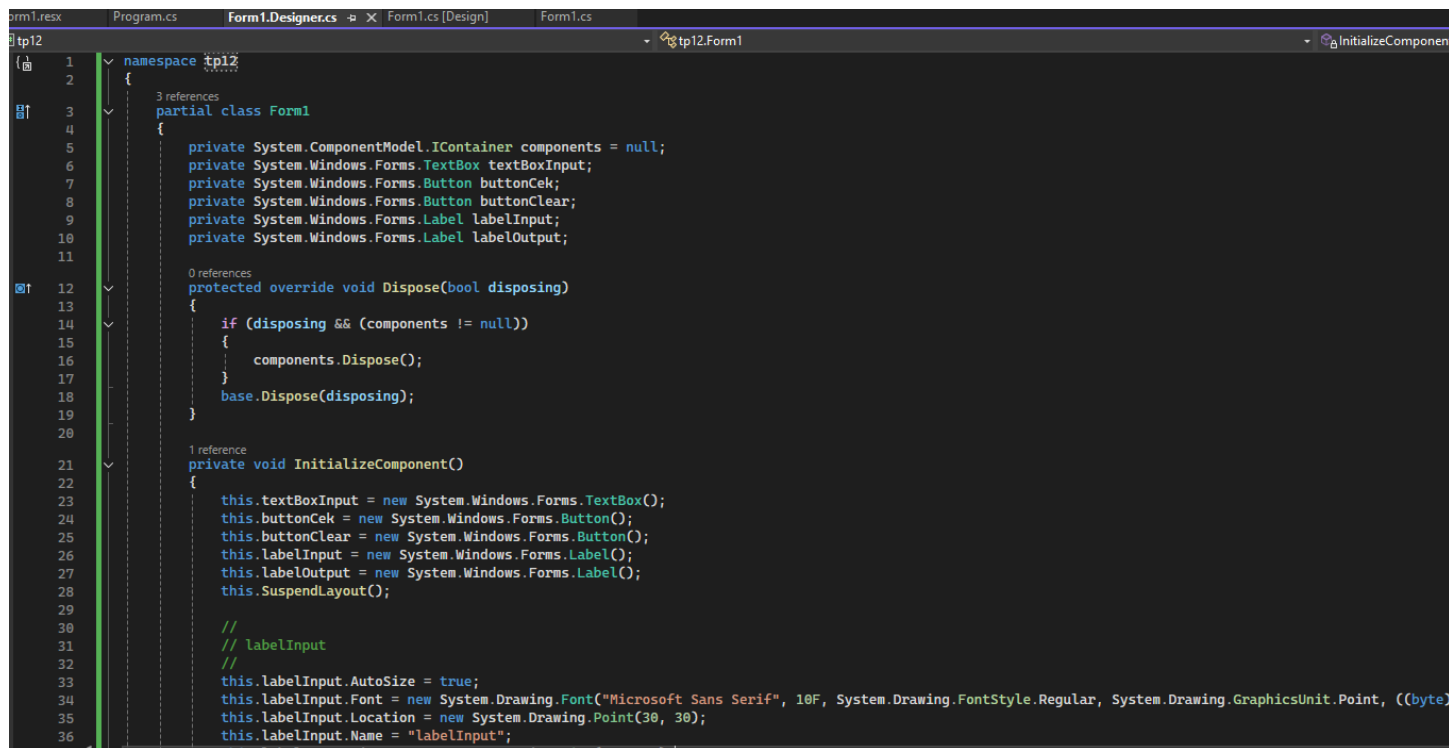
Link repo:

[https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702/tree/main/12_Performance Analysis Unit Testing dan Debugging](https://github.com/fahmihasanasagaf/KPL_2311104074_SE0702/tree/main/12_Performance%20Analysis%20Unit%20Testing%20dan%20Debugging)

Membuat GUI sederhana yang menentukan bilangan positif dan negative

Pilih windows form app .net

Kelas designer,cs



```
1 namespace tp12
2 {
3     partial class Form1
4     {
5         private System.ComponentModel.IContainer components = null;
6         private System.Windows.Forms.TextBox textBoxInput;
7         private System.Windows.Forms.Button buttonCek;
8         private System.Windows.Forms.Button buttonClear;
9         private System.Windows.Forms.Label labelInput;
10        private System.Windows.Forms.Label labelOutput;
11
12        protected override void Dispose(bool disposing)
13        {
14            if (disposing && (components != null))
15            {
16                components.Dispose();
17            }
18            base.Dispose(disposing);
19        }
20
21        private void InitializeComponent()
22        {
23            this.textBoxInput = new System.Windows.Forms.TextBox();
24            this.buttonCek = new System.Windows.Forms.Button();
25            this.buttonClear = new System.Windows.Forms.Button();
26            this.labelInput = new System.Windows.Forms.Label();
27            this.labelOutput = new System.Windows.Forms.Label();
28            this.SuspendLayout();
29
30            //
31            // labelInput
32            //
33            this.labelInput.AutoSize = true;
34            this.labelInput.Font = new System.Drawing.Font("Microsoft Sans Serif", 10F, System.Drawing.FontStyle.Regular, System.Drawing.GraphicsUnit.Point, ((byte)0));
35            this.labelInput.Location = new System.Drawing.Point(30, 30);
36            this.labelInput.Name = "labelInput";
37            this.labelInput.Size = new System.Drawing.Size(100, 20);
38        }
39    }
40 }
```

Kelas form1.cs

```
Form1.resx  Program.cs  Form1.Designer.cs  Form1.cs [Design]  Form1.cs  tp12
tp12
1  using System;
2  using System.Windows.Forms;
3
4  namespace tp12
5  {
6      3 references
7      public partial class Form1 : Form
8      {
9          1 reference
10         public Form1()
11         {
12             InitializeComponent();
13             SetupForm();
14         }
15
16         // Method untuk setup tampilan form
17         1 reference
18         private void SetupForm()
19         {
20             this.Text = "TP Modul 12 - Cari Tanda Bilangan";
21             this.Size = new System.Drawing.Size(400, 250);
22             this.StartPosition = FormStartPosition.CenterScreen;
23         }
24
25         // Method utama untuk menentukan tanda bilangan
26         1 reference
27         public string CariTandaBilangan(int a)
28         {
29             if (a < 0)
30                 return "Negatif";
31             else if (a > 0)
32                 return "Positif";
33             else
34                 return "Nol";
35         }
36
37         // Event handler untuk button click
38         2 references
39         private void buttonCek_Click(object sender, EventArgs e)
40         {
41         }
```

Output

TP Modul 12 - Cari Tanda Bilangan

Masukkan Angka:

Cek Bilangan **Clear**

Hasil: Positif

TP Modul 12 - Cari Tanda Bilangan

Masukkan Angka:

Cek Bilangan **Clear**

Hasil: Negatif