

LAPORAN PRAKTIKUM
Tugas Pendahuluan Modul 12
Performance Analysis Unit Testing Debugging



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1. Penjelasan Sourcode

```
static void Main()
{
    Application.EnableVisualStyles();
    Application.SetCompatibleTextRenderingDefault(false);
    Application.Run(new Form1());
}
```

Fungsi Main() memulai aplikasi Windows Forms dan membuka Form1.

```
private void button1_Click(object sender, EventArgs e)
{
    if (int.TryParse(textBoxInput.Text, out int input))
    {
        string hasil = CariTandaBilangan(input);
        labelOutput.Text = hasil;
    }
    else
    {
        labelOutput.Text = "Input tidak valid!";
    }
}

private string CariTandaBilangan(int a)
{
    if (a < 0)
        return "Negatif";
    else if (a > 0)
        return "Positif";
    else
        return "Nol";
}
```

Fungsi button1_Click dipicu saat tombol ditekan. Fungsi CariTandaBilangan mengecek tanda dari angka.

```
this.textBoxInput = new System.Windows.Forms.TextBox();
this.buttonCek = new System.Windows.Forms.Button();
this.labelOutput = new System.Windows.Forms.Label();

//
// buttonCek
//
this.buttonCek.Text = "Cek";
this.buttonCek.Click += new System.EventHandler(this.button1_Click);
```

Komponen textBoxInput, buttonCek, dan labelOutput dibuat. Tombol buttonCek dikaitkan ke button1_Click.