TP MODUL 12

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Hasil run: Sebelum input

```
- 9stpmodul12 2311104059.Form1
   Setelah input
 Form1.cs 🗢 🗙 Form1.cs (Design)
                        Proses
```

Fungsi CariTandaBilangan:

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

```
return "Nol";
}
```

Logika Saat Tombol Ditekan:

```
private void btnProses_Click(object sender, EventArgs e)
{
   int inputAngka;
   if (int.TryParse(txtInput.Text, out inputAngka))
   {
      string hasil = CariTandaBilangan(inputAngka);
      lblHasil.Text = hasil;
   }
   else
   {
      lblHasil.Text = "Input tidak valid!";
   }
}
```

Menambahkan Unit Testing:

```
[TestClass]
public class UnitTest1
{
    [TestMethod]
    public void TestNegatif()
    {
        var form = new Form1();
        Assert.AreEqual("Negatif", form.CariTandaBilangan(-5));
    }

    [TestMethod]
    public void TestNol()
    {
        var form = new Form1();
        Assert.AreEqual("Nol", form.CariTandaBilangan(0));
    }

    [TestMethod]
    public void TestPositif()
    {
        var form = new Form1();
        Assert.AreEqual("Positif", form.CariTandaBilangan(10));
    }
}
```