PEMROGRAMAN LANJUT

PEMROGRAMAN LANJUT Shared Code Menggunakan Project Library

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http://coding4ever.net/

https://github.com/rudi-krsoftware/open-retail

Proyek Calculator

Solution Explorer







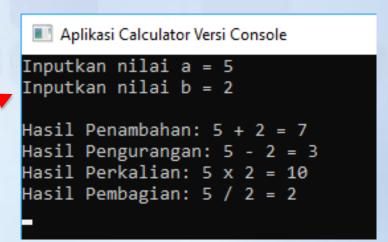


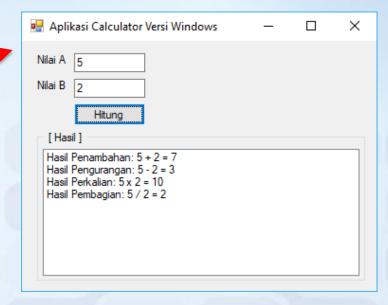


Search Solution Explorer (Ctrl+;)

Solution 'CalculatorApp' (2 projects

- C# CaclulatorConsoleApp
 - Properties
 - ■·■ References
 - App.config
 - C# Program.cs
- C# CalculatorWindowsFormsApp
 - Properties
 - ■·■ References
 - App.config
 - □ FrmCalculator.cs
 - C# Program.cs





Proyek Calculator (Lanjutan)

```
Solution 'CalculatorApp' (2 projects)

▲ C# CaclulatorConsoleApp

     Properties
  ▶ ■■ References
      App.config
     C# Program.cs
     Program

Θ<sub>a</sub> Main(string[]): void
            Penambahan(int, int): int
            Pengurangan(int, int): int
            @ Perkalian(int, int): int
            @ Pembagian(int, int): int
  C# CalculatorWindowsFormsApp
      Properties
     ■·■ References
      App.config
     FrmCalculator.cs
     FrmCalculator.Designer.cs
         FrmCalculator.resx

▲ ★ FrmCalculator

           Penambahan(int, int): int
            Pengurangan(int, int): int
            Perkalian(int, int): int
            On Pembagian (int, int): int
            Ψ<sub>a</sub> btnHitung_Click(object, EventArgs) : void
```

```
static int Penambahan(int a, int b)
{
    return a + b;
}

static int Pengurangan(int a, int b)
{
    return a - b;
}
```

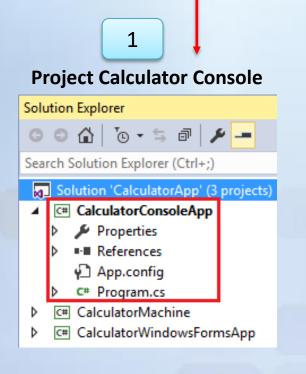
```
private int Penambahan(int a, int b)
{
    return a + b;
}

private int Pengurangan(int a, int b)
{
    return a - b;
}
```

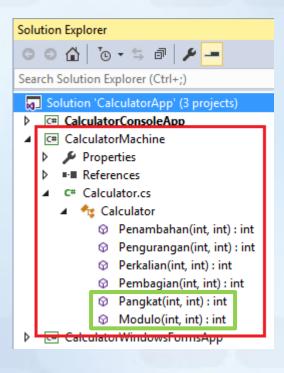
Refactoring Proyek Calculator

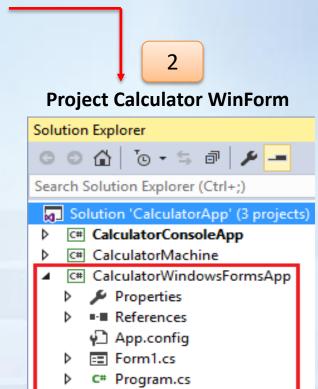
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Project Calculator Machine (Library)



Shared code





Shared code

Hasil Akhir Proyek Calculator

```
Aplikasi Calculator Versi Console

Inputkan nilai a = 6
Inputkan nilai b = 4

Hasil Penambahan: 6 + 4 = 10
Hasil Pengurangan: 6 - 4 = 2
Hasil Perkalian: 6 x 4 = 24
Hasil Pembagian: 6 / 4 = 1
Hasil Pangkat: 6 ^ 4 = 1296
Hasil Module: 6 % 4 = 2
```

