

LAPORAN PRAKTIKUM

PEMROGRAMAN VISUAL

2023



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Tugas 3 : Membuat aplikasi konversi celcius, Fahrenheit dan reamur

1. Konversi Reamur ke Celcius, Fahrenheit, dan Kelvin

Source Code :

```
Public Class ConvertReamur
```

```
    Private Sub btnConvert_Click(sender As Object, e As EventArgs) Handles  
        btnConvert.Click
```

```
        Dim R, C, F, K As Decimal
```

```
        R = CDec(txtReamur.Text)
```

```
        C = ToCelcius(R)
```

```
        F = ToFahrenheit(R)
```

```
        K = ToKelvin(R)
```

```
        txtCelcius.Text = Str(C)
```

```
        txtFahrenheit.Text = Str(F)
```

```
        txtKelvin.Text = Str(K)
```

```
    End Sub
```

```
    Private Function ToCelcius(suhu As Decimal) As Decimal
```

```
        Dim C As Decimal
```

```
        C = (5 / 4) * suhu
```

```
        Return C
```

```
    End Function
```

```
    Private Function ToFahrenheit(suhu As Decimal) As Decimal
```

```
        Dim F As Decimal
```

```
        F = (9 / 4) * suhu + 32
```

```
        Return F
```

```
    End Function
```

```
    Private Function ToKelvin(suhu As Decimal) As Decimal
```

```
        Dim K As Decimal
```

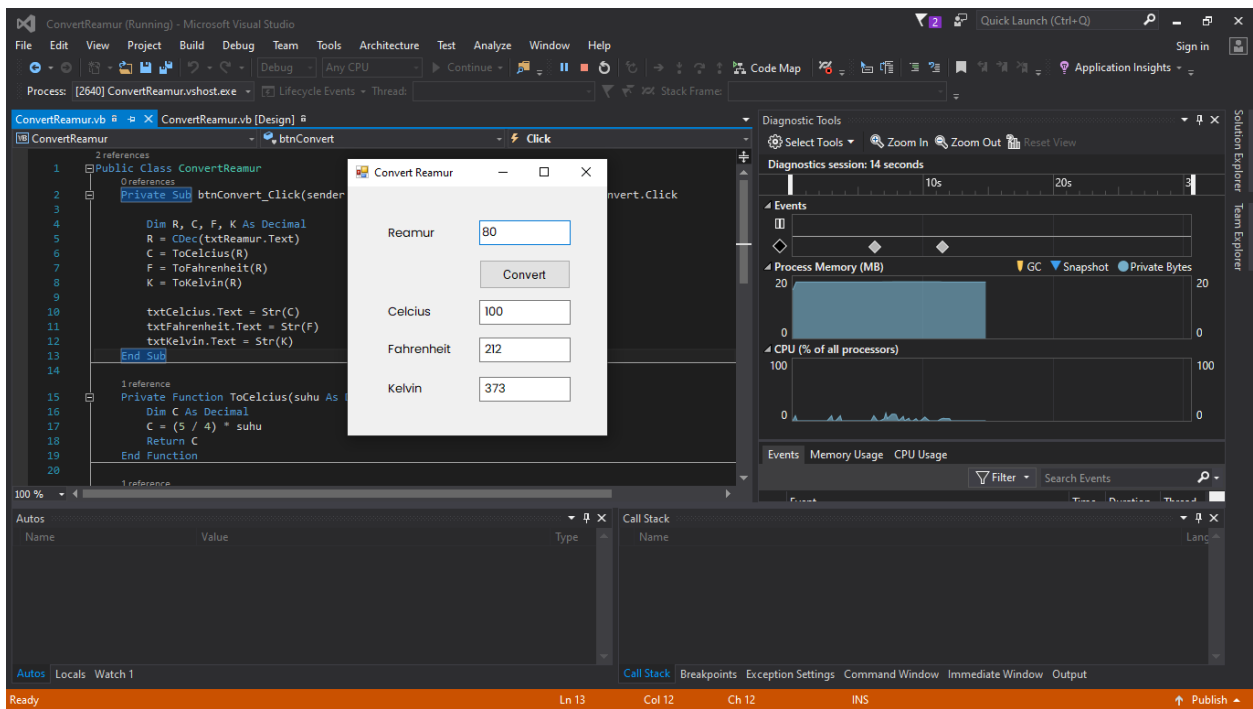
```
        K = (5 / 4 * suhu) + 273
```

```
        Return K
```

```
    End Function
```

```
End Class
```

Hasil Program Konversi Reamur ke Celcius, Fahrenheit, dan Kelvin:



2. Konversi Kelvin ke Celcius, Fahrenheit, dan Reamur

Source Code :

```
Public Class ConvertKelvin
```

```
Private Sub btnConvert_Click(sender As Object, e As EventArgs) Handles  
btnConvert.Click
```

```
Dim K, C, F, R As Decimal
```

```
K = CDec(txtKelvin.Text)
```

```
C = ToCelcius(K)
```

```
F = ToFahrenheit(K)
```

```
R = ToReamur(K)
```

```
txtCelcius.Text = Str(C)
```

```
txtFahrenheit.Text = Str(F)
```

```
txtReamur.Text = Str(R)
```

```
End Sub
```

```
Private Function ToCelcius(suhu As Decimal) As Decimal
```

```
Dim C As Decimal
C = suhu - 273
Return C
End Function
```

```
Private Function ToFahrenheit(suhu As Decimal) As Decimal
Dim F As Decimal
F = 9 / 5 * (suhu - 273) + 32
Return F
End Function
```

```
Private Function ToReamur(suhu As Decimal) As Decimal
Dim R As Decimal
R = 4 / 5 * (suhu - 273)
Return R
End Function
```

End Class

Hasil Program Konversi Fahrenheit ke Reamur :

