

# LAPORAN PRAKTIKUM

PEMROGRAMAN VISUAL

2023



Prepared By:

## **PEMROGRAMAN VISUAL**

Diajukan untuk memenuhi salah satu tugas mata kuliah Pemrograman Visual yang diampu oleh **Freddi Wicaksono**



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**2023**

## Tugas 3

Buatlah 3 program sederhana untuk :

1. Konversi Celcius Ke Fahrenheit
2. Konversi Fahrenheit Ke Reamur
3. Konversi Reamur Ke Kelvin

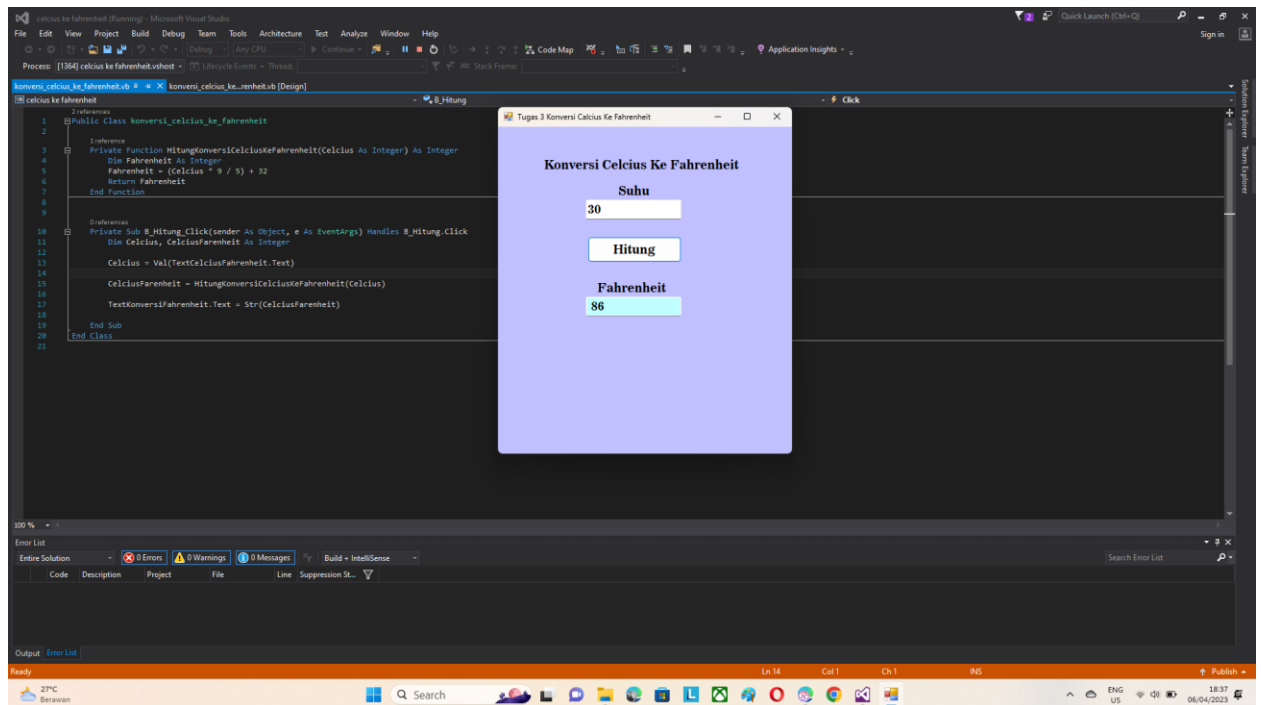
Gunakan Teknik Pemrograman Terstruktur

## Rumus Dasar Konversi Suhu

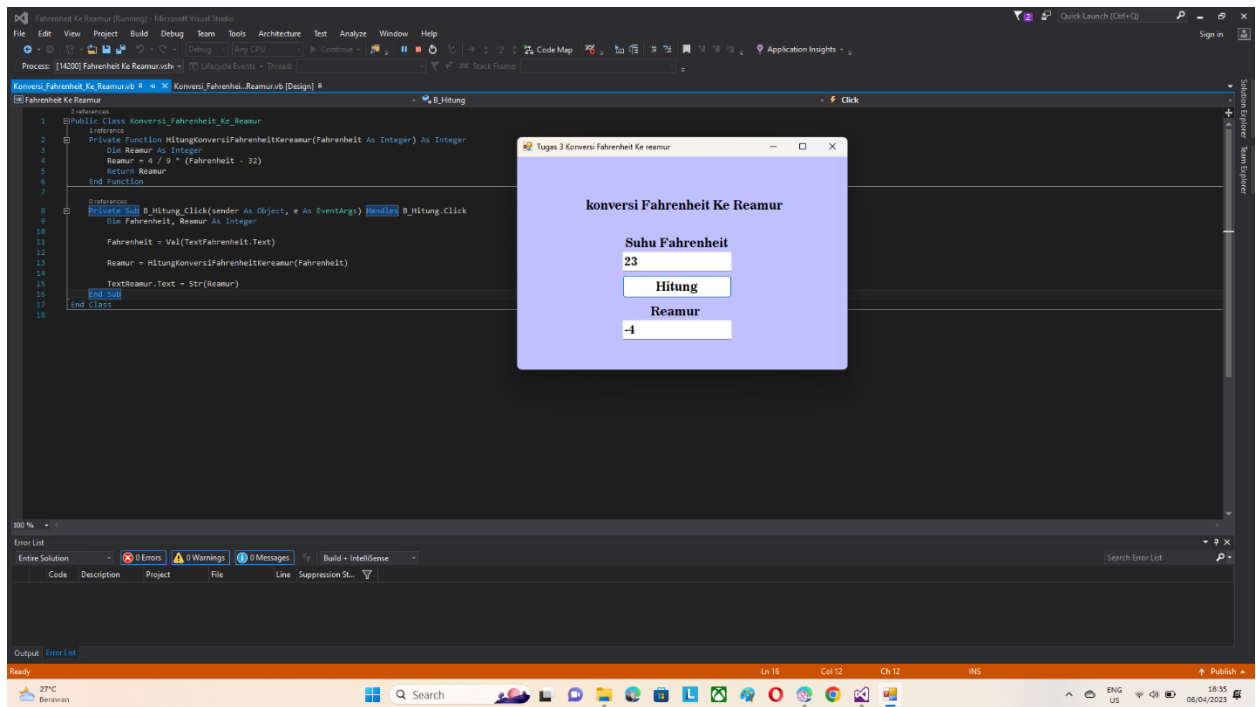
- $C \rightarrow F = (C * 9/5) + 32$
- $C \rightarrow K = C + 273.15$
- $C \rightarrow R = 4/5 * C$
- $F \rightarrow C = (F - 32) * 5/9$
- $F \rightarrow K = (F - 32) * 5/9 + 273.15$
- $F \rightarrow R = 4/9 * (F - 32)$
- $K \rightarrow C = K - 273.15$
- $K \rightarrow F = (K - 273.15) * 9/5 + 32$
- $K \rightarrow R = 4/5 * (K - 273)$
- $R \rightarrow C = (5/4) * R$
- $R \rightarrow F = (9/4 * R) + 32$
- $R \rightarrow K = C + 273$

# ScreenShoot

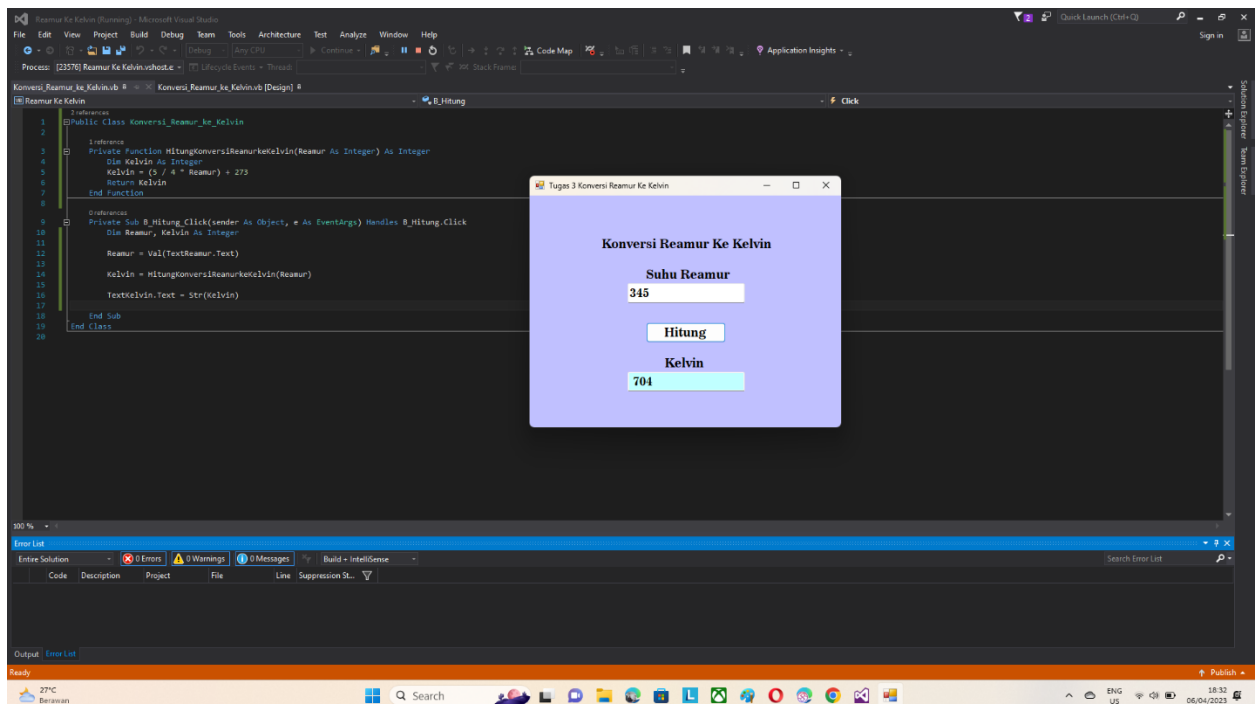
## 1. Konversi Celcius Ke Fahrenheit



## 2. Konversi Fahrenheit Ke Reamur



## 3. Konversi Reamur ke Kelvin



## Scrip Coding

### • Konversi Celcius ke Fahrenheit (Terstruktur)

```
• Public Class konversi_celcius_ke_fahrenheit
•
•     Private Function HitungKonversiCelciusKeFahrenheit(Celcius As Integer) As Integer
•         Dim Fahrenheit As Integer
•         Fahrenheit = (Celcius * 9 / 5) + 32
•         Return Fahrenheit
•     End Function
•
•
•
•     Private Sub B_Hitung_Click(sender As Object, e As EventArgs) Handles B_Hitung.Click
•         Dim Celcius, CelciusFahrenheit As Integer
•
•         Celcius = Val(TextCelciusFahrenheit.Text)
•
•         CelciusFahrenheit = HitungKonversiCelciusKeFahrenheit(Celcius)
•
•         TextKonversiFahrenheit.Text = Str(CelciusFahrenheit)
•
•     End Sub
• End Class
```

### • Konversi Fahrenheit ke Reamur

```
• Public Class Konversi_Fahrenheit_Ke_Reamur
•     Private Function HitungKonversiFahrenheitKereamur(Fahrenheit As Integer) As Integer
•         Dim Reamur As Integer
•         Reamur = 4 / 9 * (Fahrenheit - 32)
•         Return Reamur
•     End Function
•
•     Private Sub B_Hitung_Click(sender As Object, e As EventArgs) Handles B_Hitung.Click
•         Dim Fahrenheit, Reamur As Integer
•
•         Fahrenheit = Val(TextFahrenheit.Text)
•
•         Reamur = HitungKonversiFahrenheitKereamur(Fahrenheit)
•
•         TextReamur.Text = Str(Reamur)
•     End Sub
• End Class
```

## • Konversi Reamur ke Kelvin

```
• Public Class Konversi_Reamur_ke_Kelvin
•
•     Private Function HitungKonversiReamurkeKelvin(Reamur As Integer) As Integer
•         Dim Kelvin As Integer
•         Kelvin = (5 / 4 * Reamur) + 273
•         Return Kelvin
•     End Function
•
•     Private Sub B_Hitung_Click(sender As Object, e As EventArgs) Handles
B_Hitung.Click
•         Dim Reamur, Kelvin As Integer
•
•         Reamur = Val(TextReamur.Text)
•
•         Kelvin = HitungKonversiReamurkeKelvin(Reamur)
•
•         TextKelvin.Text = Str(Kelvin)
•
•     End Sub
• End Class
```