

# LAPORAN PRAKTIKUM

PEMROGRAMAN VISUAL

2023



Prepared By:

## **PEMROGRAMAN VISUAL**

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



Disusun Oleh :

Nama : Muhammad Faqih Wirahadi Wijaya Kusuma  
Nim : 201511039  
Kelas : R4 / TI 20 D

**PROGRAM STUDI TEKNIK INFORMATIKA**  
**FAKULTAS TEKNIK**  
**UNIVERSITAS MUHAMMADIYAH CIREBON**

2023

## Tugas 3

Buatlah 3 program sederhana untuk :

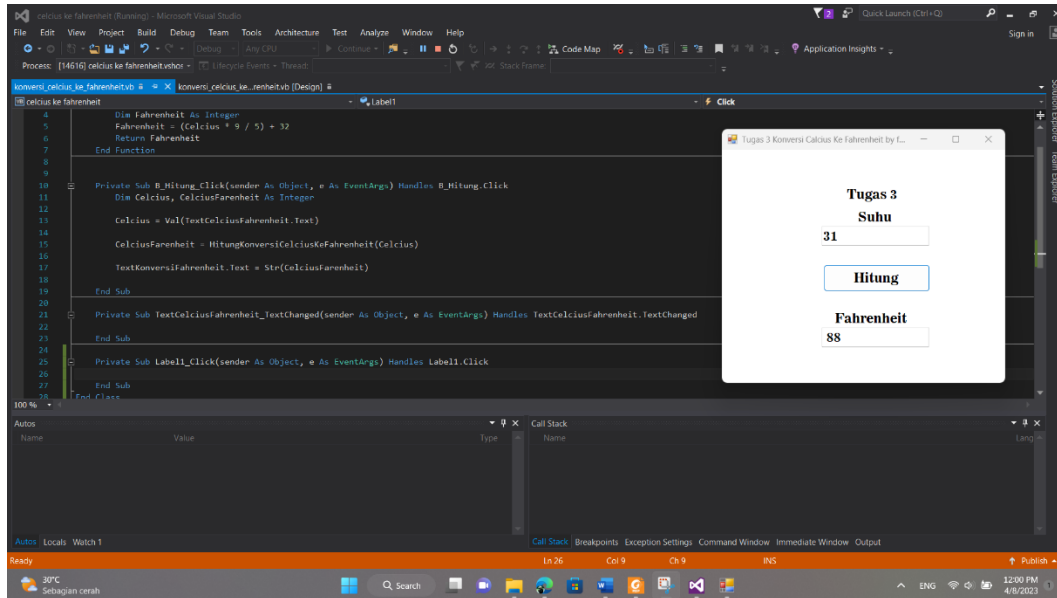
1. Konversi Celsius Ke Fahrenheit
2. Konversi Fahrenheit ke Reamur
3. Konversi Reamur Ke Kelvin

## Rumus Dasar Konversi Suhu

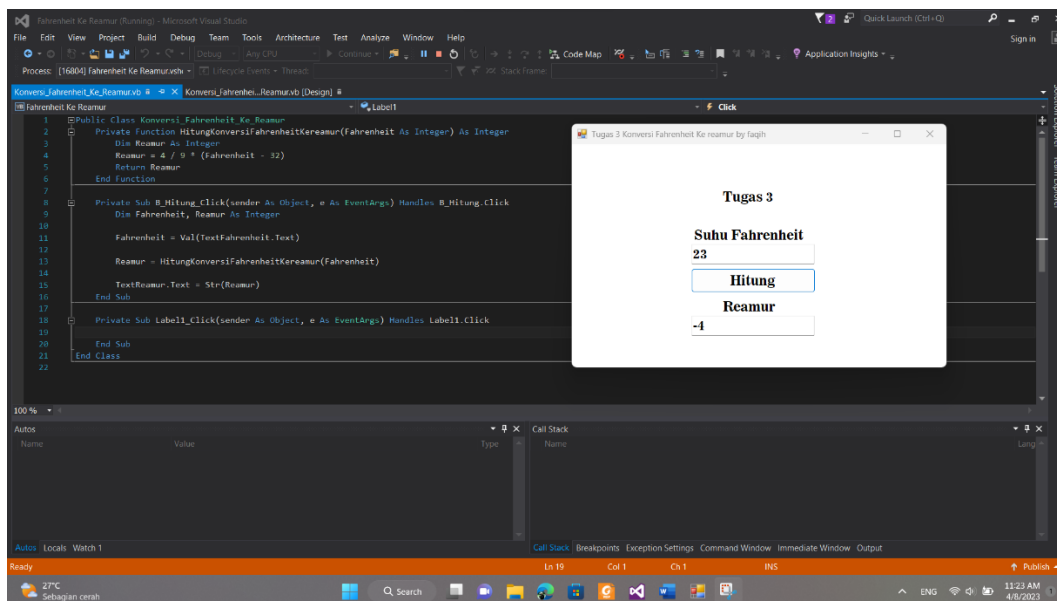
- $C \rightarrow F = (C * 9/5) + 32$
- $C \rightarrow K = C + 273.15$
- $C \rightarrow R = 4/5 * C$
- $F \rightarrow C = (F - 32) * 5/9$
- $F \rightarrow K = (F - 32) * 5/9 + 273.15$
- $F \rightarrow R = 4/9 * (F - 32)$
- $K \rightarrow C = K - 273.15$
- $K \rightarrow F = (K - 273.15) * 9/5 + 32$
-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

# ScreenShoot

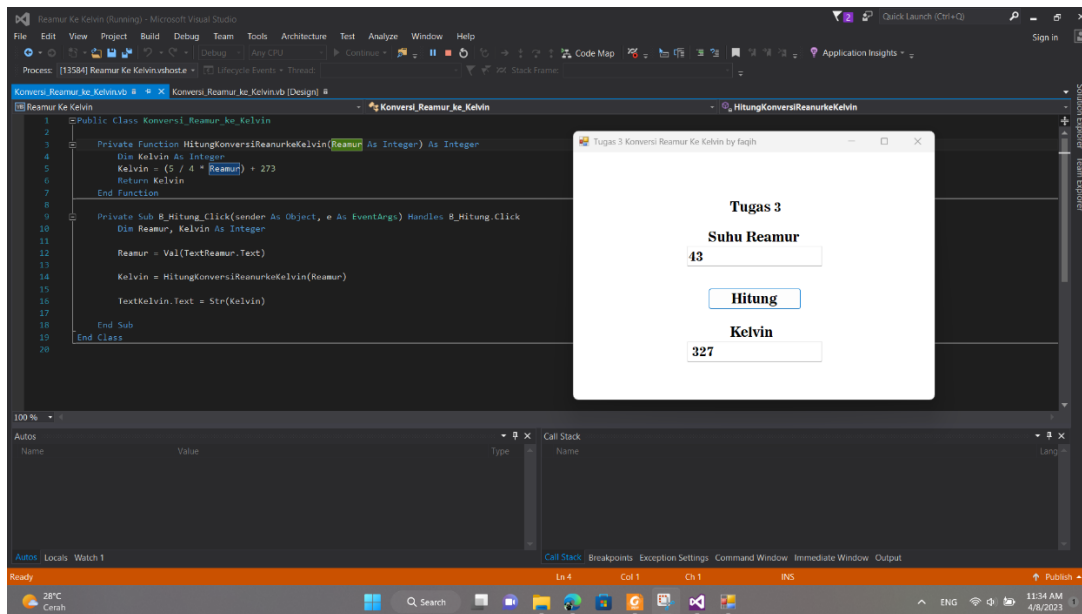
## 1. konversi Celsius Ke Fahrenheit



## 2. Konversi Fahrenheit Ke Reamur



### 3. Konversi Reamur Ke Kelvin



### Scrip Coding

- **konversi Celsius 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
- 
- Private Sub TextCelciusFahrenheit\_TextChanged(sender As Object, e As EventArgs) Handles TextCelciusFahrenheit.TextChanged
- 
- End Sub
- End Class

## ● Konversi Fahrenheit Ke Reamur (TERSTRUKTUR)

- 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
- 
- Private Sub Label1\_Click(sender As Object, e As EventArgs) Handles Label1.Click
- 
- End Sub
- End Class

## ● Konversi Reamur Ke Kelvin (TERSTRUKTUR)

- Public Class Konversi\_Reamur\_ke\_Kelvin

- `Private Function` HitungKonversiReanurkeKelvin(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 = HitungKonversiReanurkeKelvin(Reamur)
  - TextKelvin.Text = Str(Kelvin)
- `End Sub`
  - `End Class`