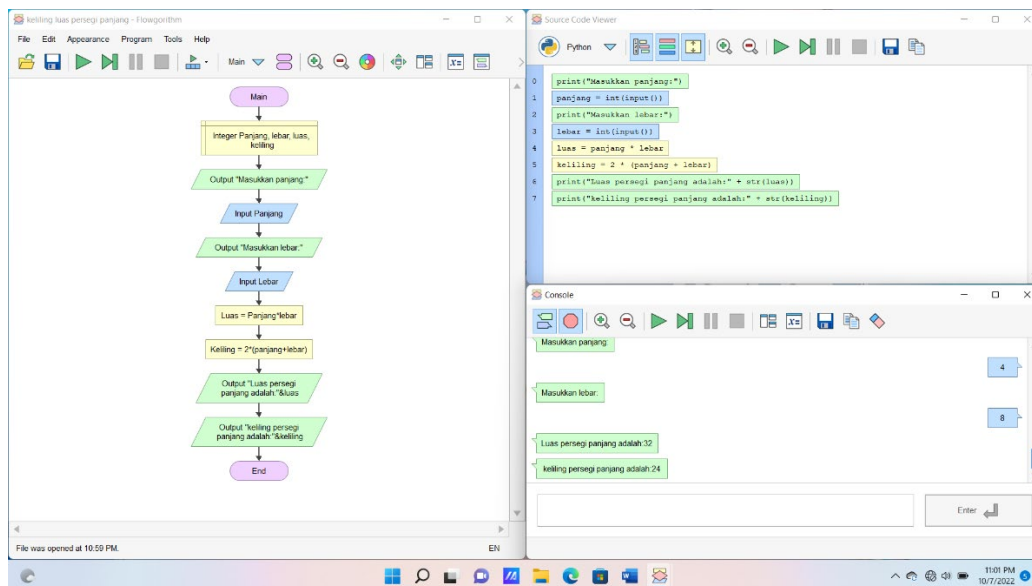


# TUGAS INDIVIDU IV

NAMA : MUTIARA ADE KANTARI

KELAS : 211001065

## 1. Flowchart menghitung Keliling dan Luas Persegi Panjang



Pemrogramannya:

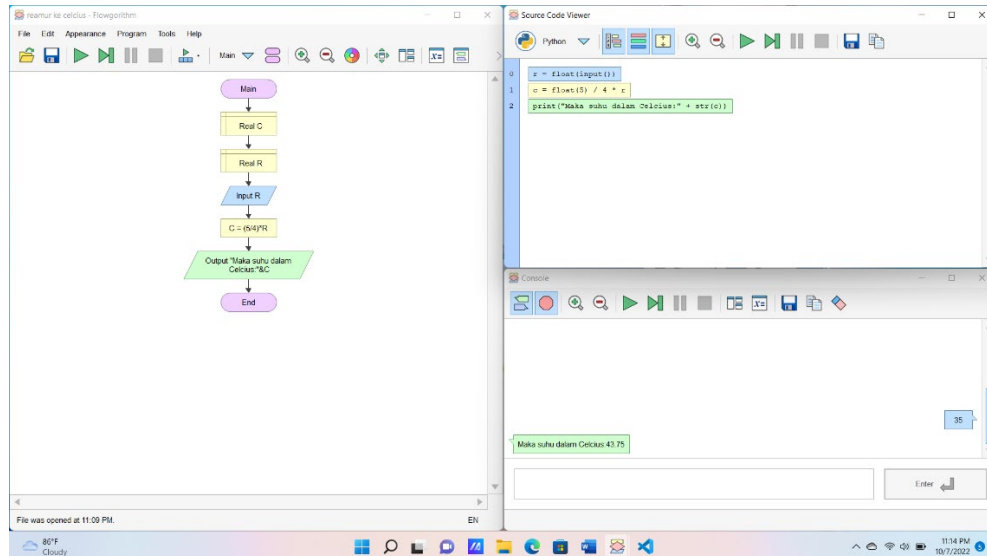
The image shows a VS Code editor with a file named 'keliling luas persegi.py'. The code is as follows:

```
1 print("Masukkan panjang:")
2 panjang = int(input())
3 print("Masukkan lebar:")
4 lebar = int(input())
5 luas = panjang * lebar
6 keliling = 2 * (panjang + lebar)
7 print("Luas persegi panjang adalah:" + str(luas))
8 print("keliling persegi panjang adalah:" + str(keliling))
9
```

The terminal window shows the execution results: 'Masukkan panjang: 4', 'Masukkan lebar: 8', 'Luas persegi panjang adalah:32', and 'keliling persegi panjang adalah:24'.

## 2. Flowchart Conversi Suhu

### a. Reamur ke celcius

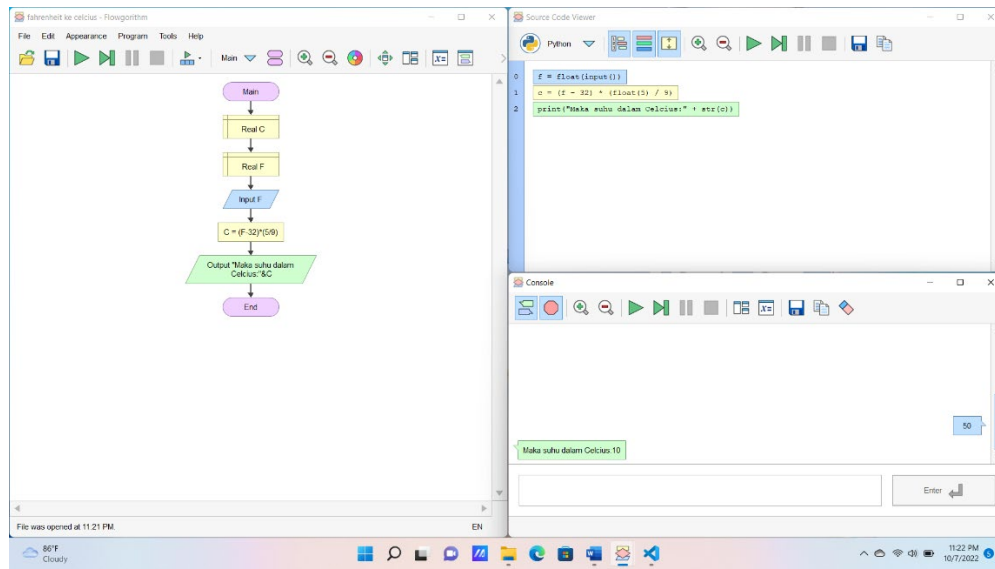


Pemrogramannya :

The image shows a VS Code editor window with the following content:

- EXPLORER:** TUGAS AI MUTIARA, Flowchart Setup.zip, python 3.10.7 amd64.exe, VSCodeUserSetup-x64-1.71.2.exe
- EDITOR:** kelling luas persegi.py, Reamur ke celcius.py
- TERMINAL:** Windows PowerShell, Copyright (C) Microsoft Corporation. All rights reserved. Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>. PS C:\Users\ASUS\Downloads\Tugas AI Mutiara> & C:/Users/ASUS/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/ASUS/Downloads/Reamur ke celcius.py" 35 Maka suhu dalam celcius:43.75 PS C:\Users\ASUS\Downloads\Tugas AI Mutiara>

b. Fahrenheit ke celcius



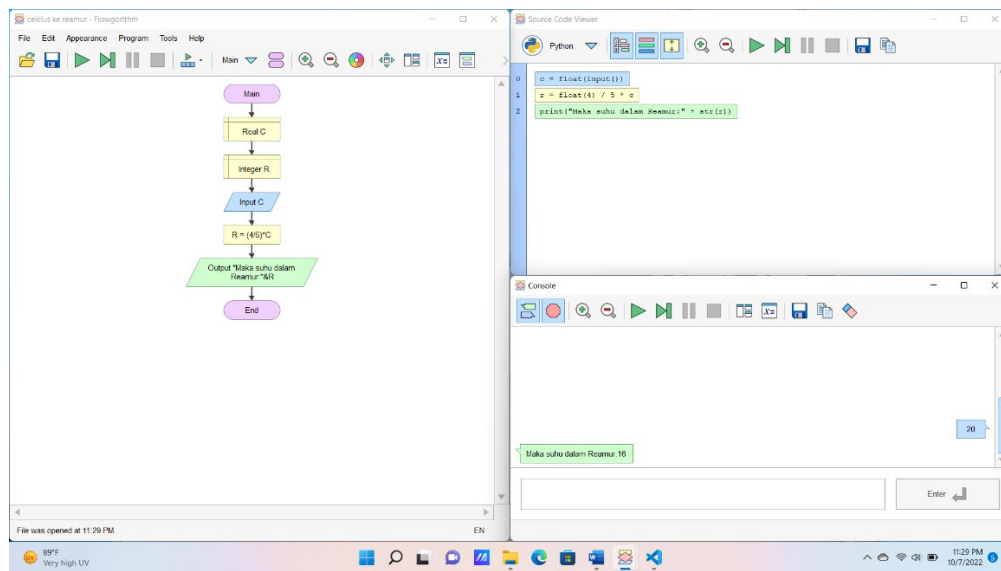
Pemrogramannya :

The screenshot shows a Windows PowerShell terminal window with the following commands and output:

```
C:\Users\ASUS> cd Downloads
C:\Users\ASUS\Downloads> python fahrenheit ke celcius.py
1 f = float(input())
2 c = (f - 32) * (float(5) / 9)
3 print("Maka suhu dalam celcius:" + str(c))
4
Maka suhu dalam celcius:10.0
```

The terminal output shows the execution of the script, which prompts for input and displays the result: 'Maka suhu dalam celcius:10.0'. The status bar at the bottom indicates 'Ln 4, Col 1', 'Space: 4', 'UTF-8', 'CR/LF', and 'Python 3.10.7 64-bit'.

c. Celcius ke reamur



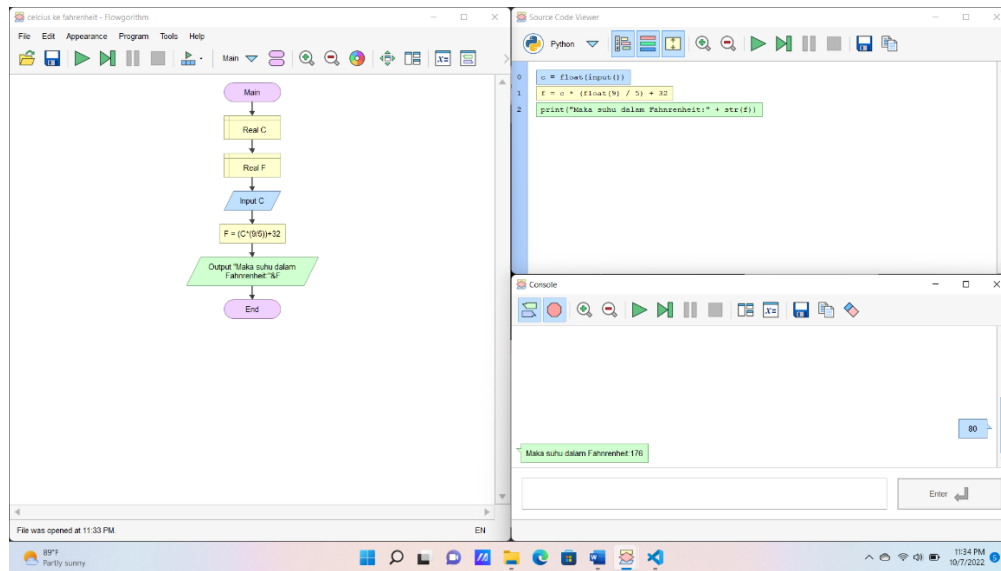
Pemrogramannya:

The screenshot shows a VS Code editor with the following code in the 'Celcius ke reamur.py' file:

```
1 c = float(input())
2 r = float(4) / 5 * c
3 print("Maka suhu dalam Reamur:" + str(r))
4
```

The terminal shows the command 'python celcius ke reamur.py' and the output 'Maka suhu dalam Reamur:16.0'.

d. Celcius ke Fahrenheit



Pemrogramannya :

The image shows a screenshot of a code editor (VS Code) with the following content:

**Explorer:** TUGAS AI MUTIARA, py, Flowgorithm-Setup.zip, python.3.10.7-amd64.exe, VSCodeUserSetup-x64-1.71.2.exe

**Source Code Viewer:**

```
1 c = float(input())
2 f = c * ((float(9) / 5) + 32)
3 print("Maka suhu dalam Fahrenheit:" + str(f))
4
```

**Terminal:**

```
PS C:\Users\ASUS\Downloads> python .\celcius ke fahrenheit.py
90
Maka suhu dalam Fahrenheit:176.0
PS C:\Users\ASUS\Downloads>
```