

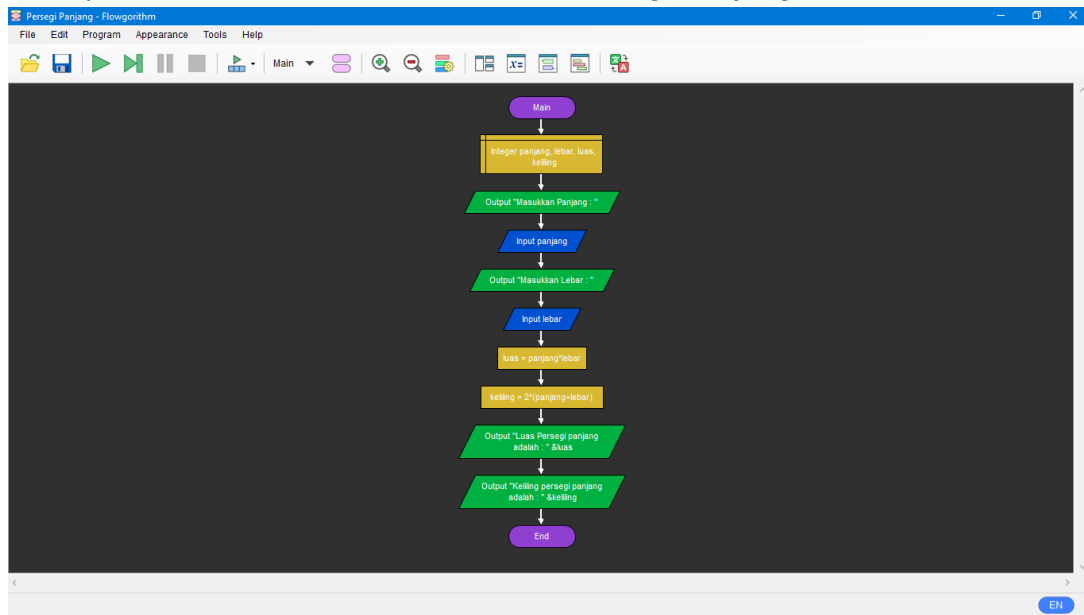
NAMA : M.Dimas Sakti Maulana

NIM : 20.01.013.037

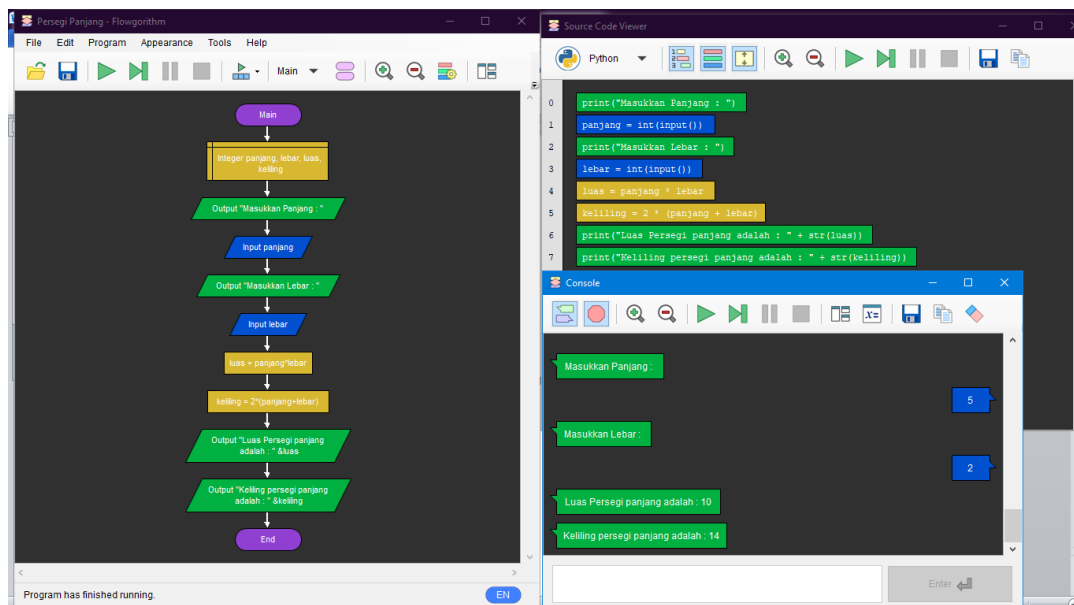
KELAS : Artificial Intelligence

Tugas : Rekognisi

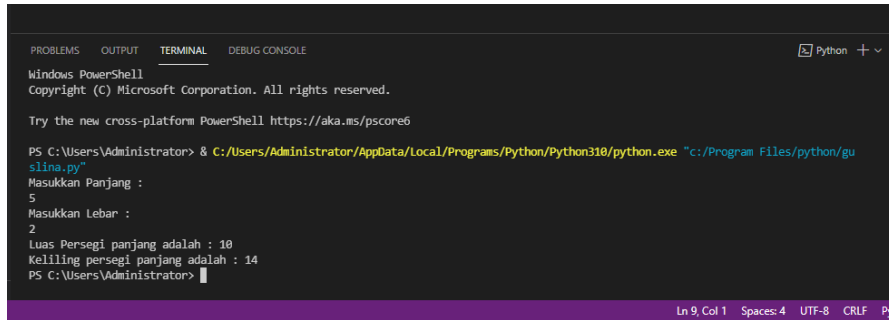
1. Saya akan membuat sebuah flowchart Pesegi Panjang



Hasil di Flowgorithm yang saya buat



Lalu saya akan mengkonversikan ke Bahasa python



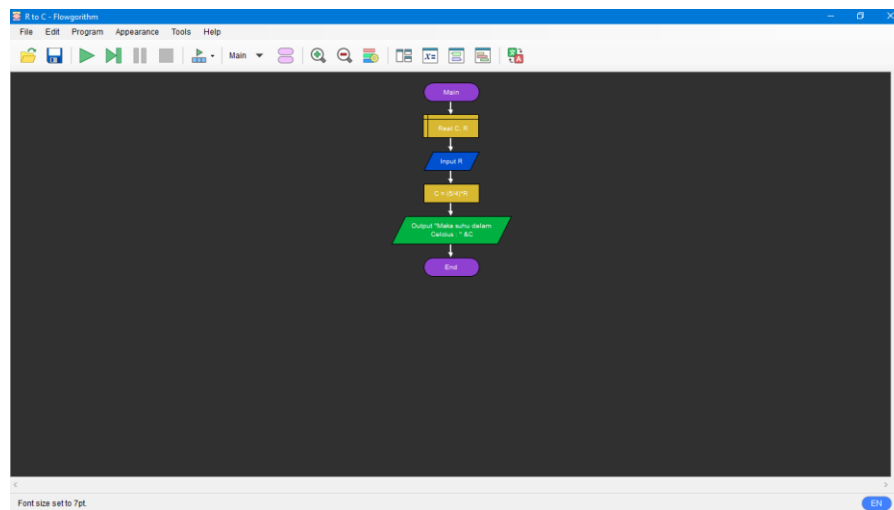
```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

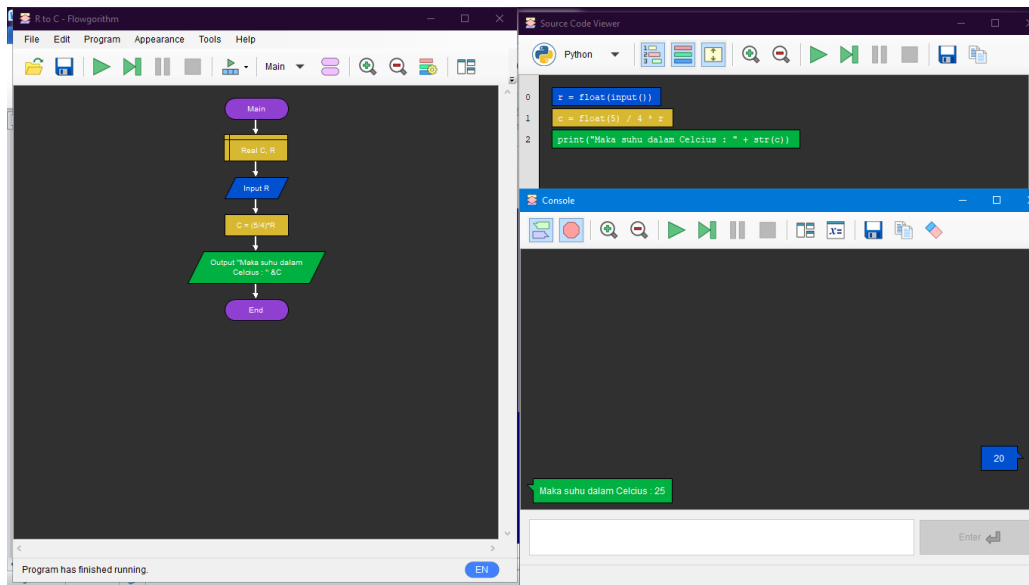
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "c:/Program Files/python/gu
sina.py"
Masukkan Panjang :
5
Masukkan Lebar :
2
Luas Persegi panjang adalah : 10
Keliling persegi panjang adalah : 14
PS C:\Users\Administrator>
```

2. Flowchart Conversi Suhu

- Reumur ke Celcius



Dibawah ini adalah hasil di Flowgorithm



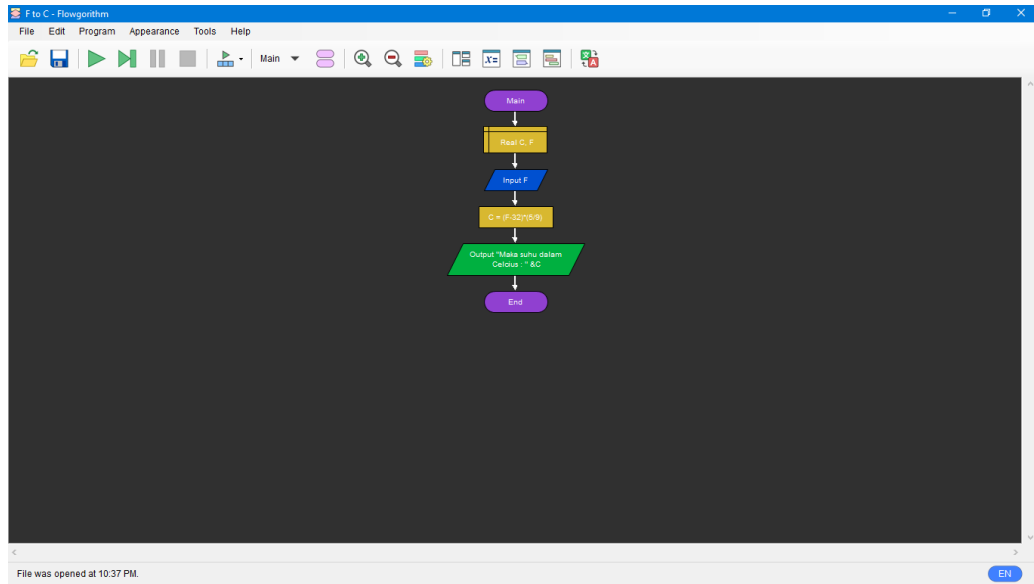
Jika sudah,saya bisa mengkonversikannya ke Python

The image shows a screenshot of the Visual Studio Code editor. The main editor window displays the Python code for the temperature conversion program, which is the same as the code shown in the previous screenshot. The code is as follows:

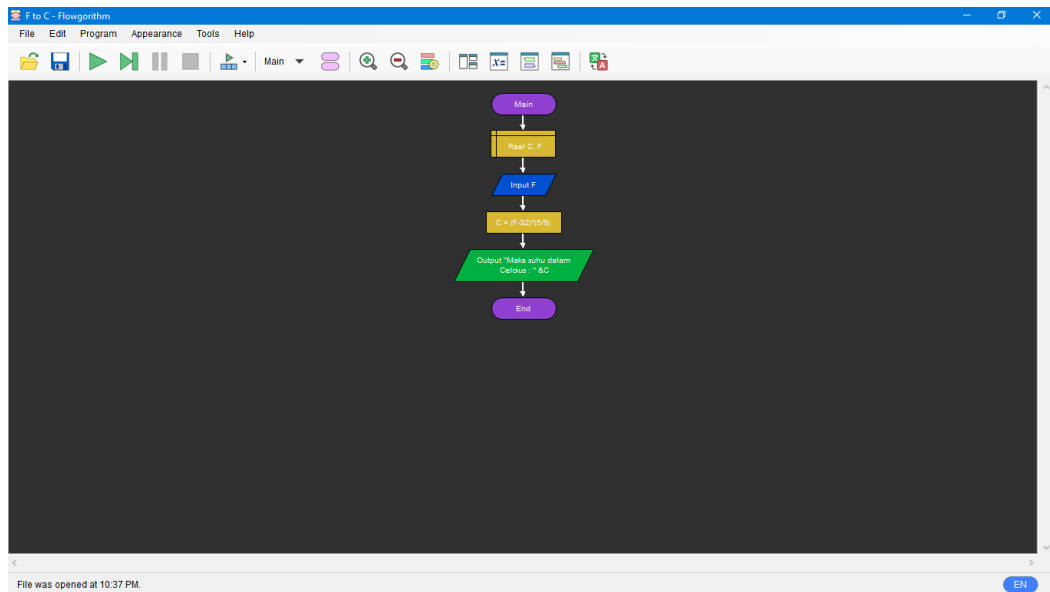
```
1  r = float(input("Masukkan Besar Reamur = "))
2  c = float(r) / 4 * 5
3  print("Maka suhu dalam Celcius : " + str(c))
4
```

Below the code is a 'Terminal' window showing the output of the program. The output is 'Maka suhu dalam Celcius : 25.0'. The terminal also shows the command used to run the program: 'python guslina.py'.

- Fahrenheit ke Celcius



Hasil di Flowgorithm



Lalu,saya bisa konversikan ke Python (IDE VS Code)

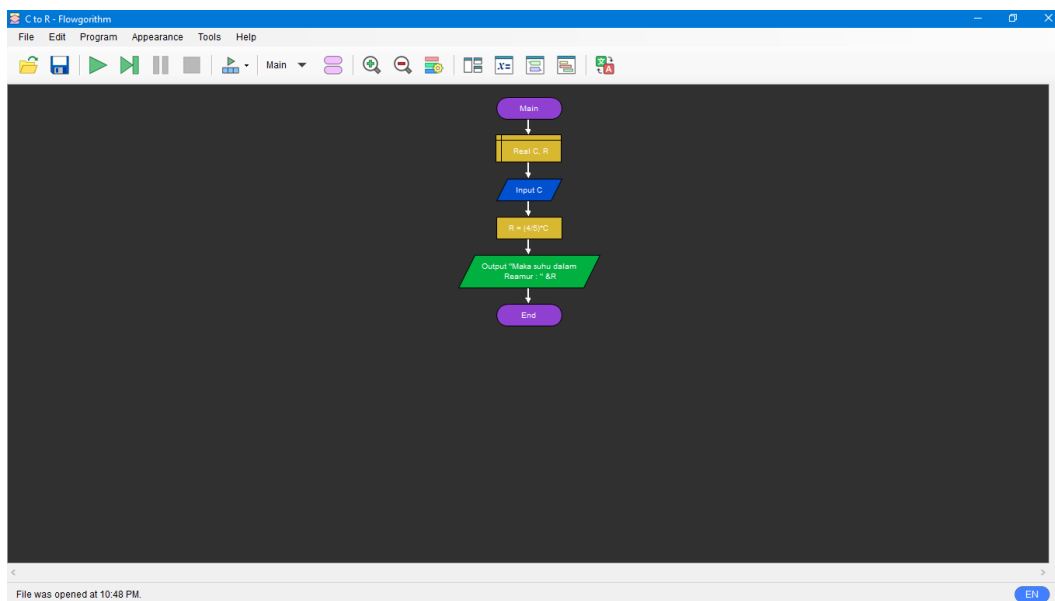
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates 'NO FOLDER OPENED'. The main editor displays a file named 'guslinapy' with the following Python code:

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

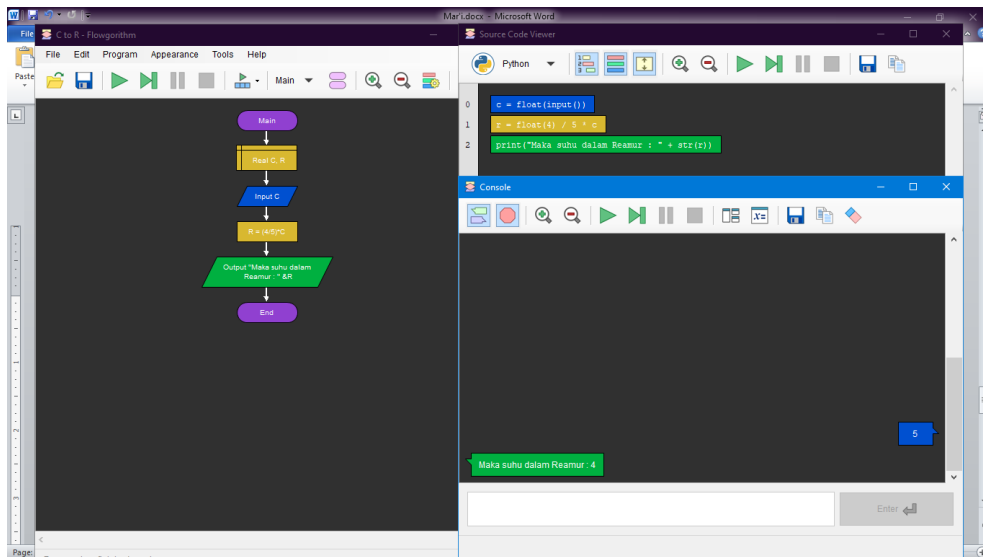
The Terminal panel at the bottom shows the command prompt output:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python310\python.exe "c:/Program Files/python/guslina.py"
Masukkan Besar Fahrenheit = 5
Maka suhu dalam Celcius : -15.0
PS C:\Users\Administrator>
```

Celcius ke Reumur



Di bawah ini adalah hasil yang di dibuat di Flowgorithm



Setelah itu saya bisa konversikan ke Python

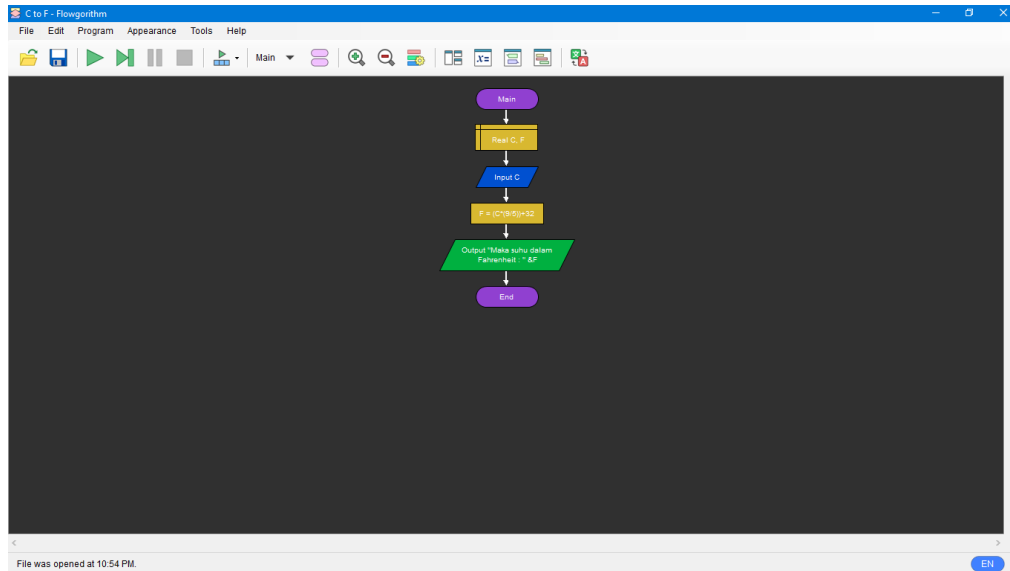
The screenshot shows the Visual Studio Code editor with a file named `guslina.py`. The code is as follows:

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

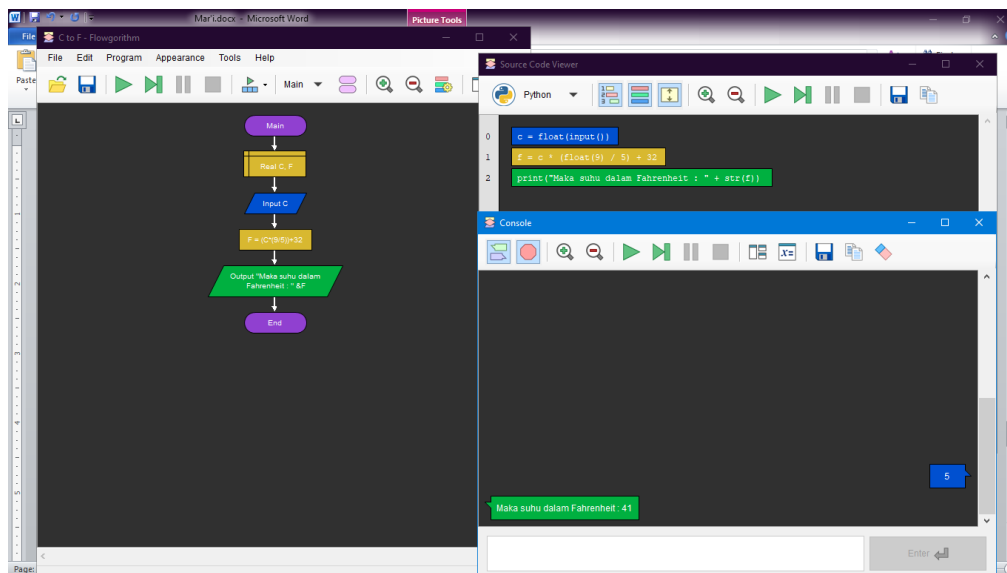
The terminal window at the bottom shows the command prompt output:

```
PS C:\Users\Administrator> C:\Users\Administrator\AppData\Local\Programs\Python\Python318\python.exe "c:/Program Files/python/guslina.py"
Masukkan Besar Celsius = 5
Maka suhu dalam Reamur : 4.0
PS C:\Users\Administrator>
```

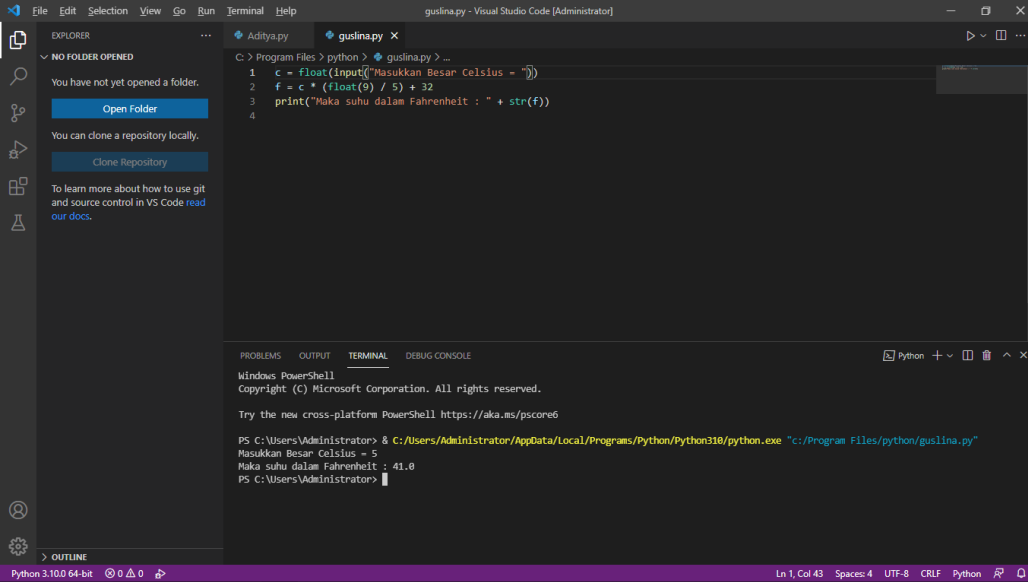
Celcius ke Fehrenheit



Dibawah ini adalah hasil di Flowgortihm



Jika sudah,saya bisa konversikan ke Python



The screenshot displays the Visual Studio Code interface with a Python file named `guslina.py` open. The code in the editor is as follows:

```
C > Program Files > python > guslina.py > ...
1  c = float(input("Masukkan Besar Celsius = "))
2  f = c * (float(9) / 5) + 32
3  print("Maka suhu dalam Fahrenheit : " + str(f))
4
```

The bottom panel shows the `TERMINAL` tab with the following output:

```
Windows PowerShell
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PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Program Files/python/guslina.py"
Masukkan Besar Celsius = 5
Maka suhu dalam Fahrenheit : 41.0
PS C:\Users\Administrator>
```

The status bar at the bottom indicates the file is using Python 3.10.0 64-bit, UTF-8 encoding, and CRLF line endings.