

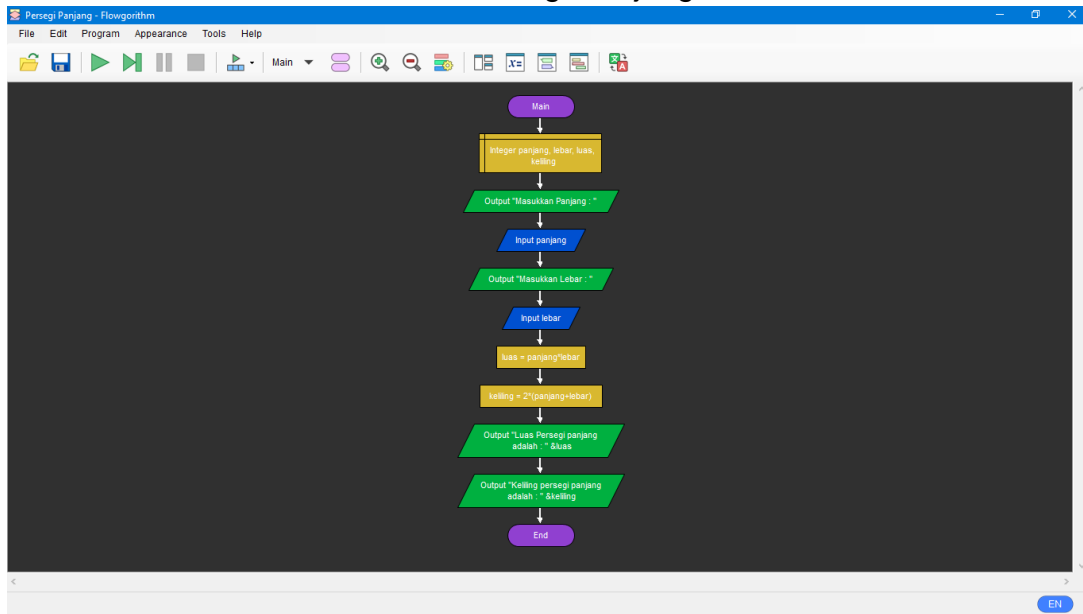
NAMA : ADITYA FA'ATHIR B.

NIM : 20.01.013.035

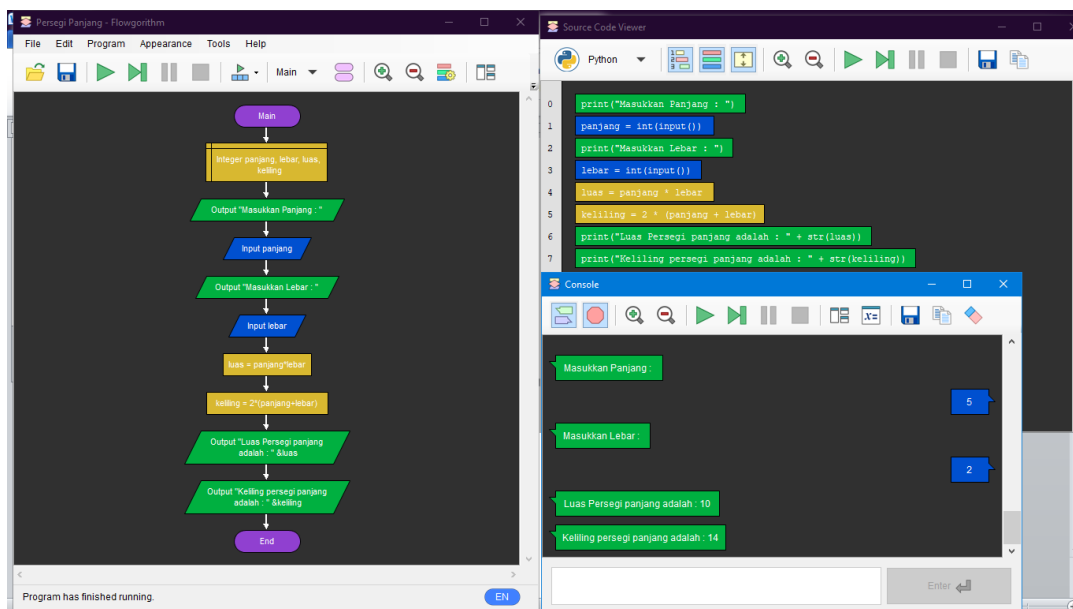
KELAS : AI B

TUGAS REKOKNISI

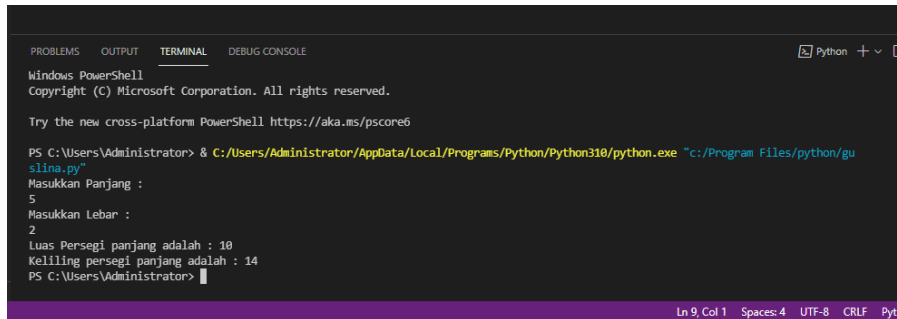
1. Kita akan membuat flowchart Pesegi Panjang



Inilah hasil di Flowgorithm



Setelah itu kita bisa konversikan ke Bahasa python seperti di gambar di bawah ini



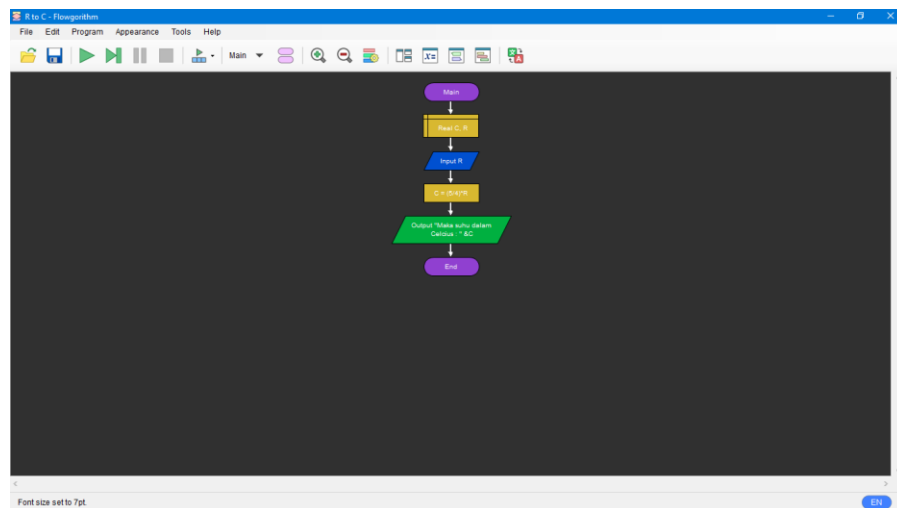
```
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python + v
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

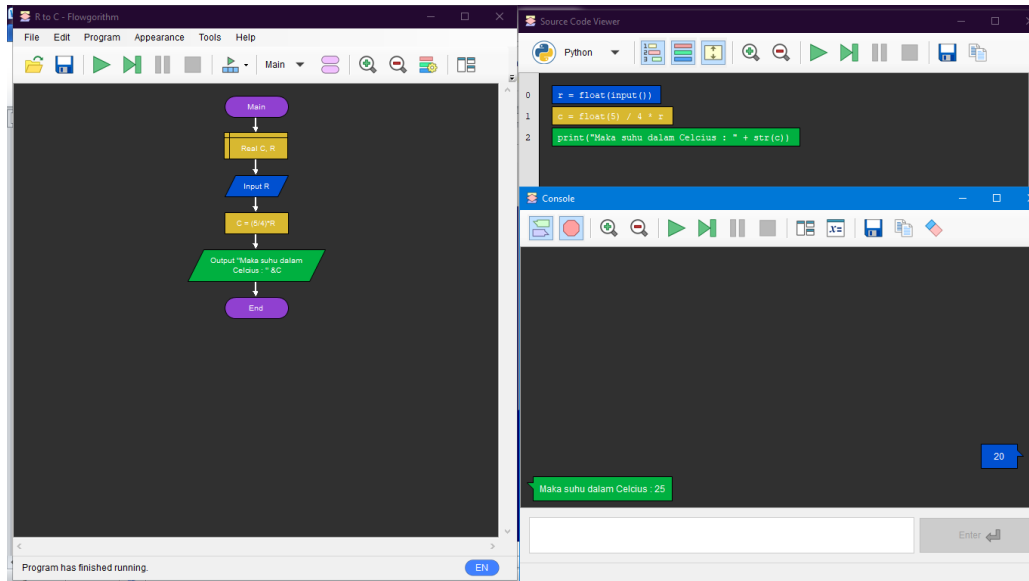
PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Program Files/python/gu
sina.py"
Masukkan Panjang :
5
Masukkan Lebar :
2
Luas Persegi panjang adalah : 10
Keliling persegi panjang adalah : 14
PS C:\Users\Administrator>
```

2. Flowchart Conversi Suhu

- Reumur ke Celcius



Inilah hasil di Flowgorithm



Setelah itu kita bisa konversikan ke Python seperti gambar di bawah ini

The image shows a screenshot of the Visual Studio Code editor. The main editor window displays the Python code for the temperature conversion program, saved as 'guslina.py'. The code is as follows:

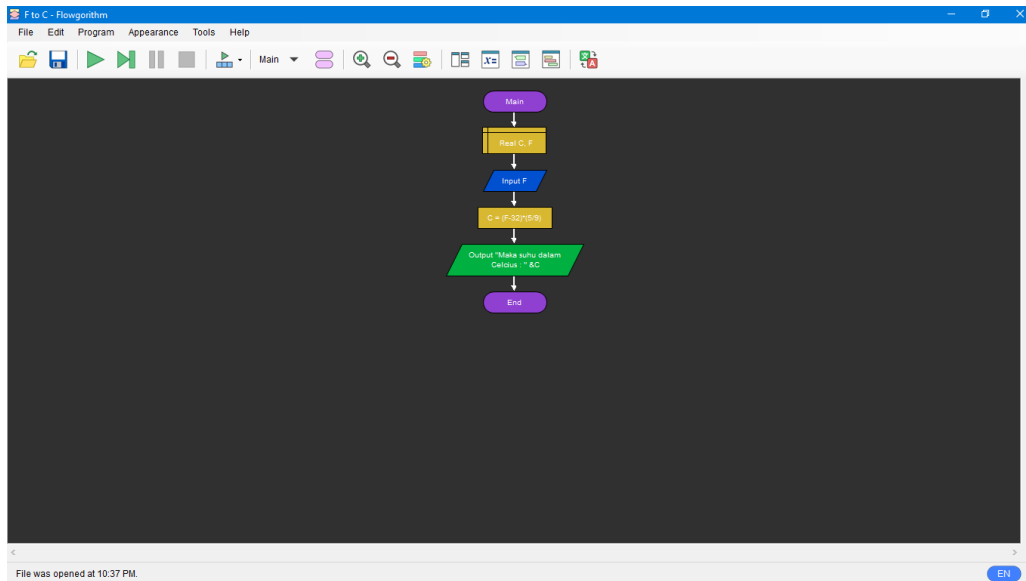
```
1 r = float(input("Masukkan Besar Reamun : "))
2 c = float(5) / 4 * r
3 print("Maka suhu dalam Celcius : " + str(c))
4
```

The left sidebar shows the Explorer view with 'NO FOLDER OPENED'. The bottom status bar indicates 'Python 3.10.0 64-bit'. The bottom right corner shows the file encoding as 'UTF-8' and the line/character count as 'Ln 1, Col 42'.

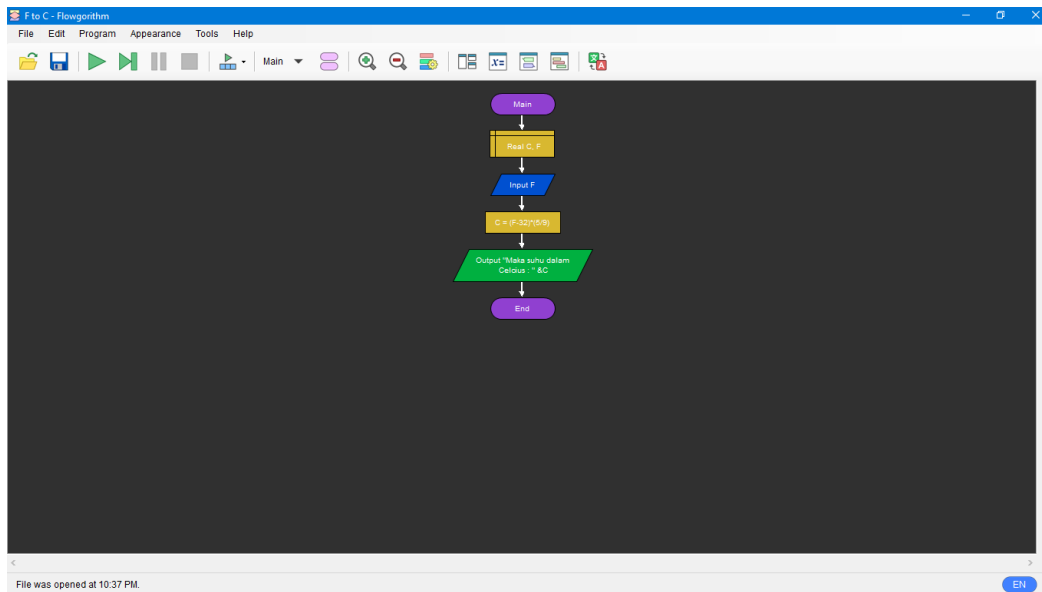
Below the code editor is a terminal window showing the execution of the program. The terminal output is as follows:

```
PS C:\Users\Administrator> python > guslina.py > ...
Masukkan Besar Reamun : 20
Maka suhu dalam Celcius : 25.0
PS C:\Users\Administrator>
```

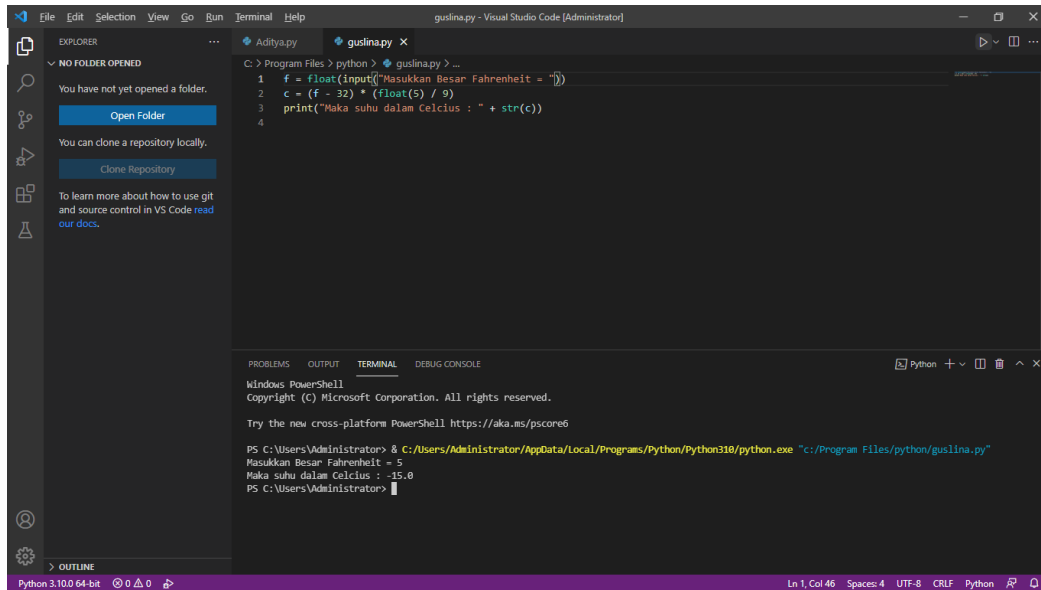
- Fahrenheit ke Celcius



Inilah hasil di Flowgorithm



Setelah itu kita bisa konversikan ke Python (IDE VS Code) seperti gambar di bawah ini



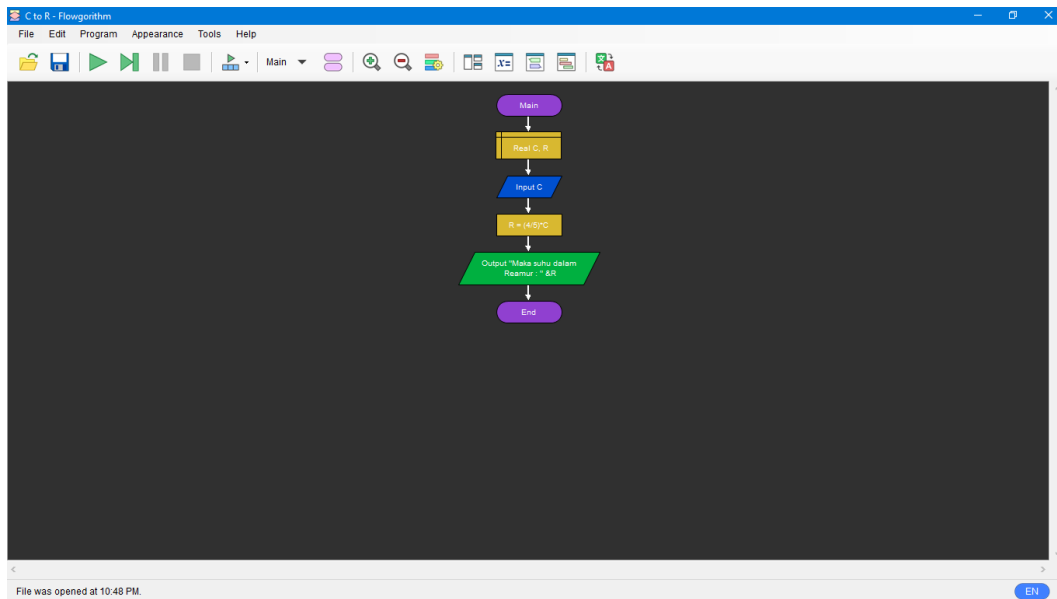
The screenshot shows the Visual Studio Code interface with a file named `guslina.py` open. The code in the editor is as follows:

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

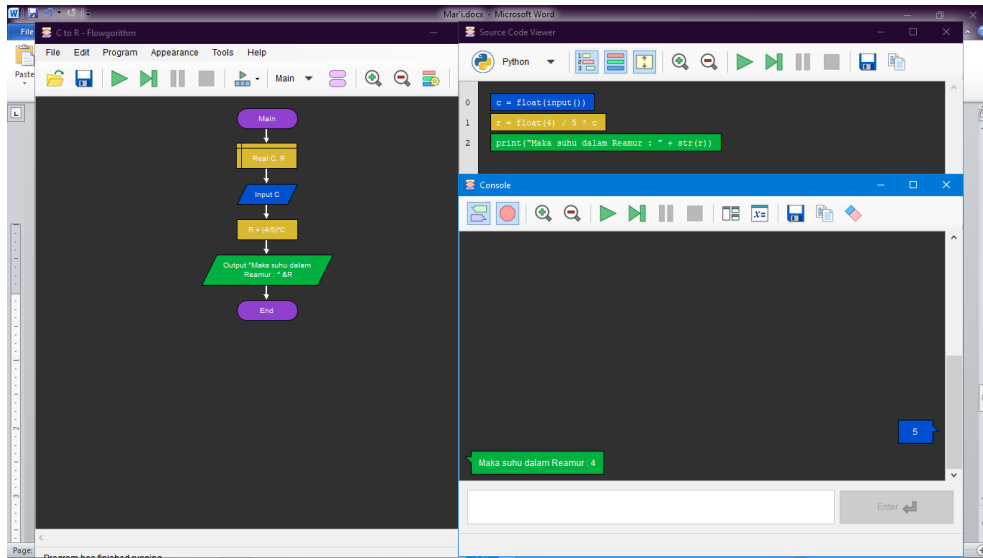
The terminal at the bottom shows the command `python guslina.py` being executed, with the following output:

```
PS C:\Users\Administrator> python guslina.py
Masukkan Besar Fahrenheit = 5
Maka suhu dalam Celcius : -15.0
PS C:\Users\Administrator>
```

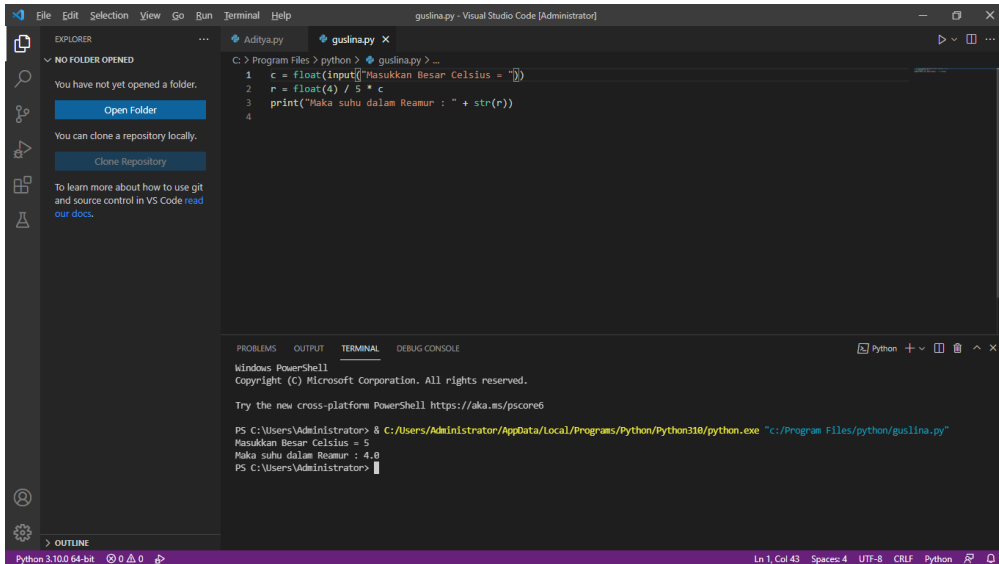
Celcius ke Reumur



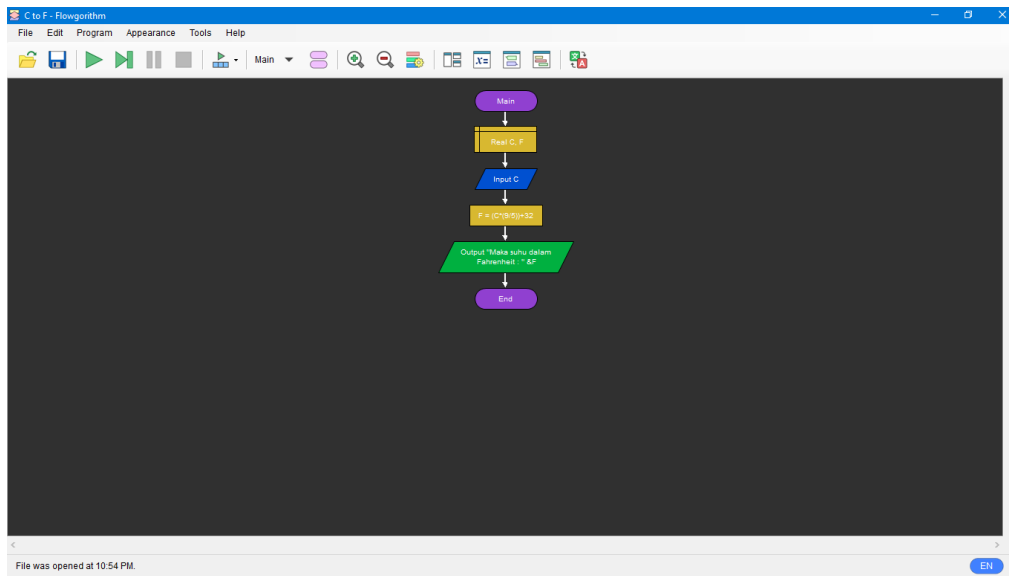
Inilah hasil di Flowgorithm



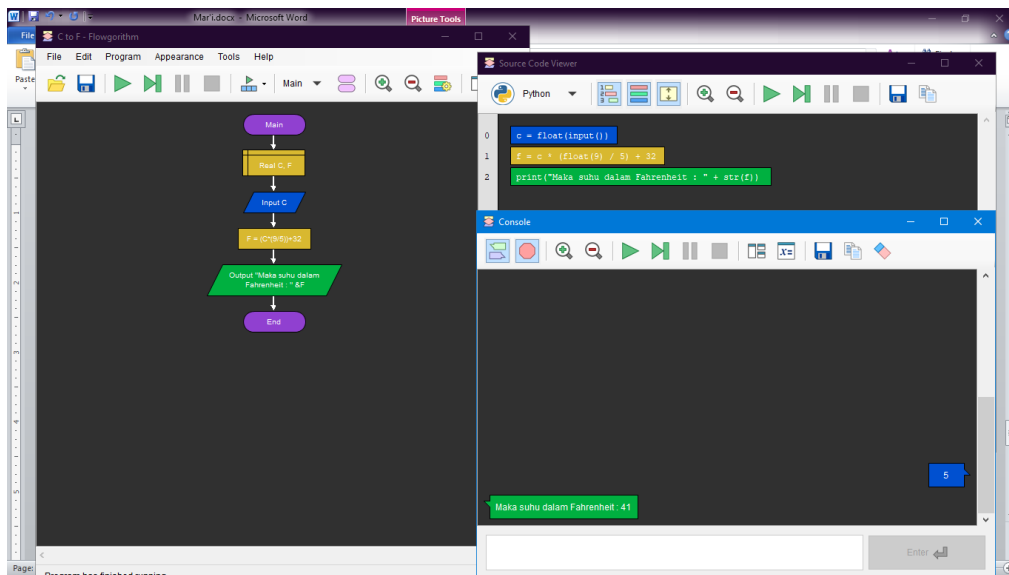
Setelah itu kita bisa konversikan ke Python seperti gambar di bawah ini



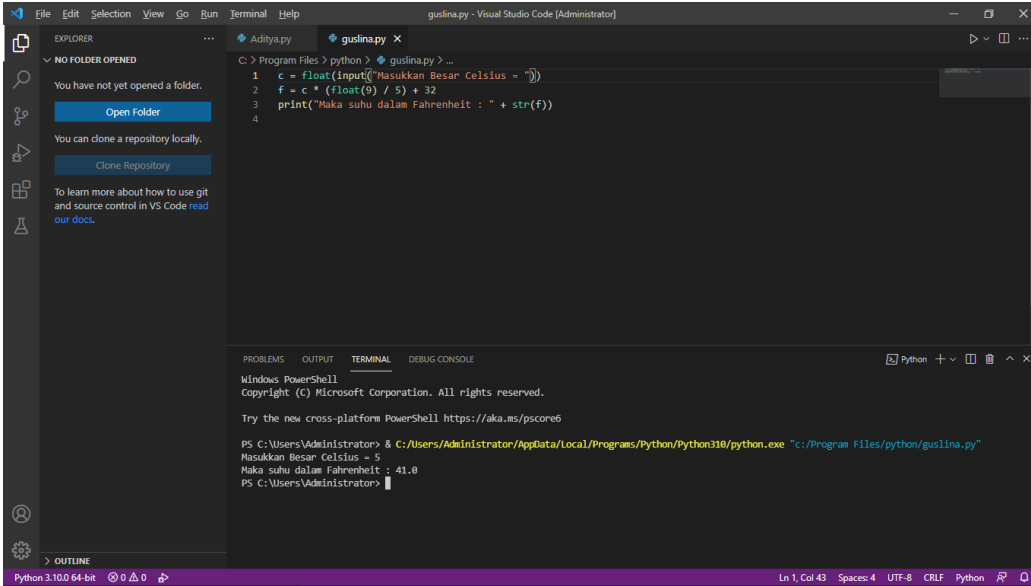
Celcius ke Fehrenheit



Inilah hasil di Flowgortihm



Setelah itu kita bisa konversikan ke Python seperti gambar di bawah ini



The screenshot shows the Visual Studio Code interface with a Python file named `guslina.py` open. The file contains a script that takes a Celsius temperature as input and converts it to Fahrenheit. The terminal at the bottom shows the command to run the script and the resulting output.

```
File Edit Selection View Go Run Terminal Help
guslina.py - Visual Studio Code [Administrator]

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

guslina.py x
C:\Program Files\python> 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

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python + - - - - -
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/Python318/python.exe "c:/Program Files/python/guslina.py"
Masukkan Besar Celsius = 5
Maka suhu dalam Fahrenheit : 41.0
PS C:\Users\Administrator>
```

Python 3.10.0 64-bit Ln 1, Col 43 Spaces: 4 UTF-8 CRLF Python