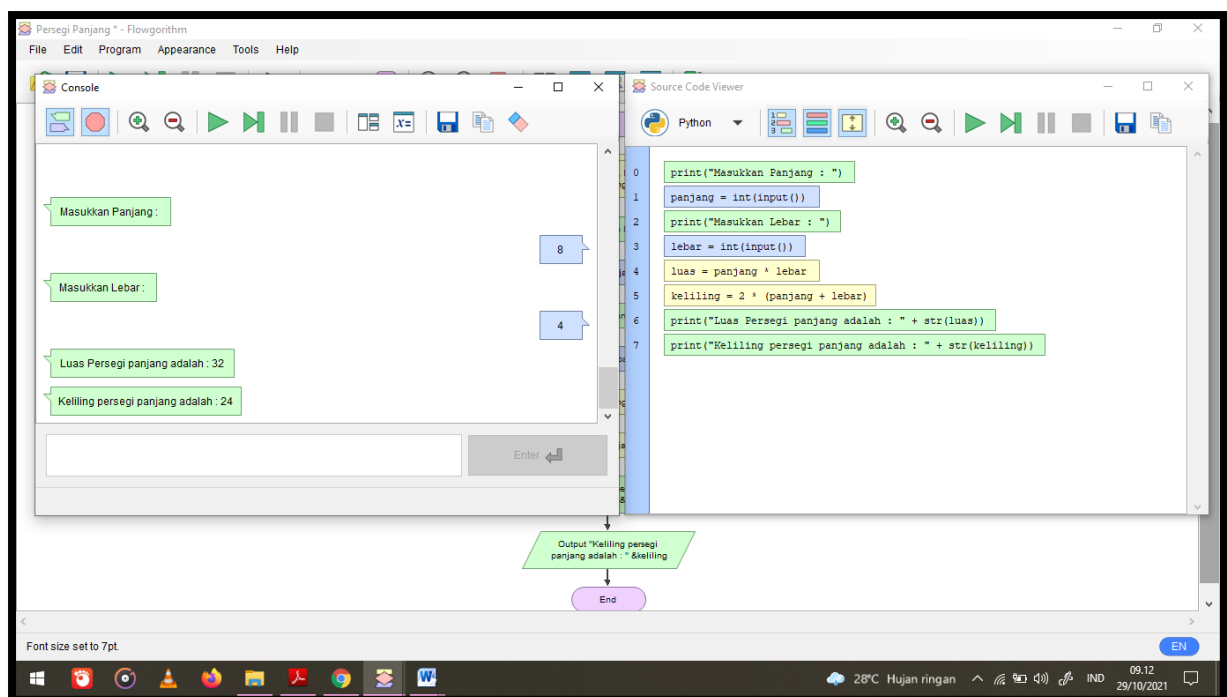
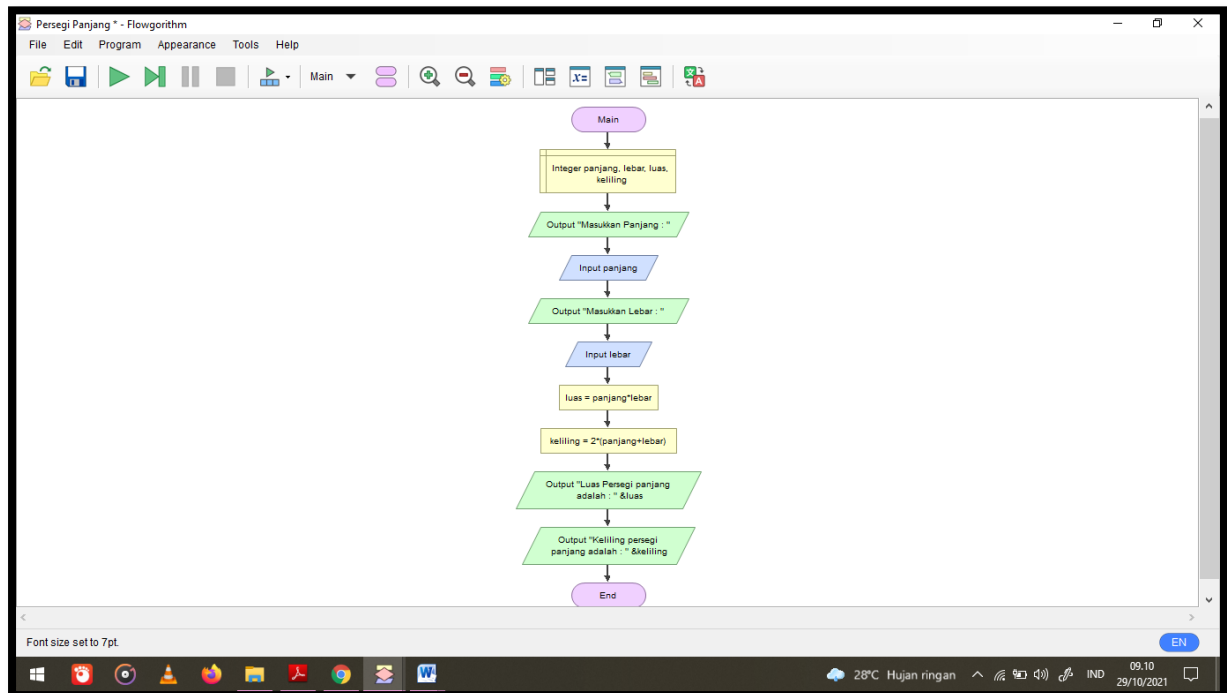


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TUGAS REKOKNISI

1. Flowchart menghitung Keliling dan Luas Persegi Panjang.



- Selanjutnya konversikan ke dalam Bahasa Python pada vs code.

The screenshot shows the Visual Studio Code interface with a Python file named `guslinats.py` open. The code calculates the area and perimeter of a square based on user input. The terminal output shows the program running successfully with the following input and output:

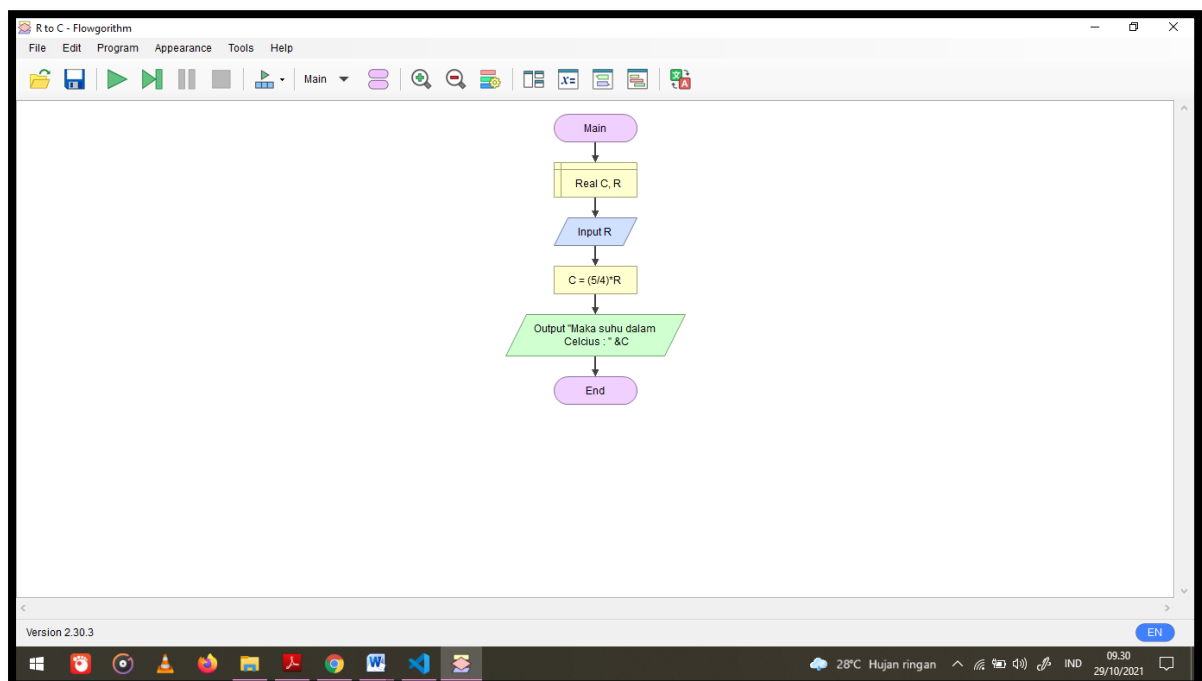
```

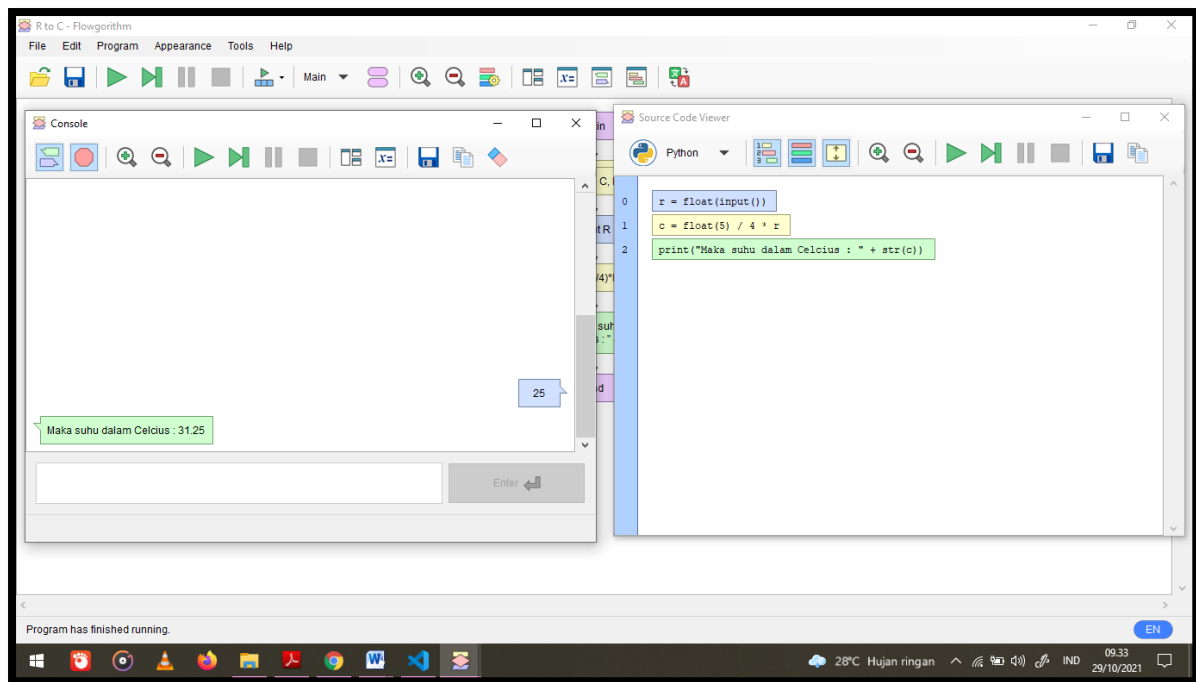
C:\Users\ACER> python guslinats.py
1 print("Masukkan Panjang : ")
2 panjang = int(input())
3 print("Masukkan Lebar : ")
4 lebar = int(input())
5 luas = panjang * lebar
6 keliling = 2 * (panjang + lebar)
7 print("Luas Persegi panjang adalah : " + str(luas))
8 print("Keliling persegi panjang adalah : " + str(keliling))
9
PS C:\Users\ACER> python guslinats.py
Masukkan Panjang : 8
Masukkan Lebar : 4
Luas Persegi panjang adalah : 32
Keliling persegi panjang adalah : 24
PS C:\Users\ACER>

```

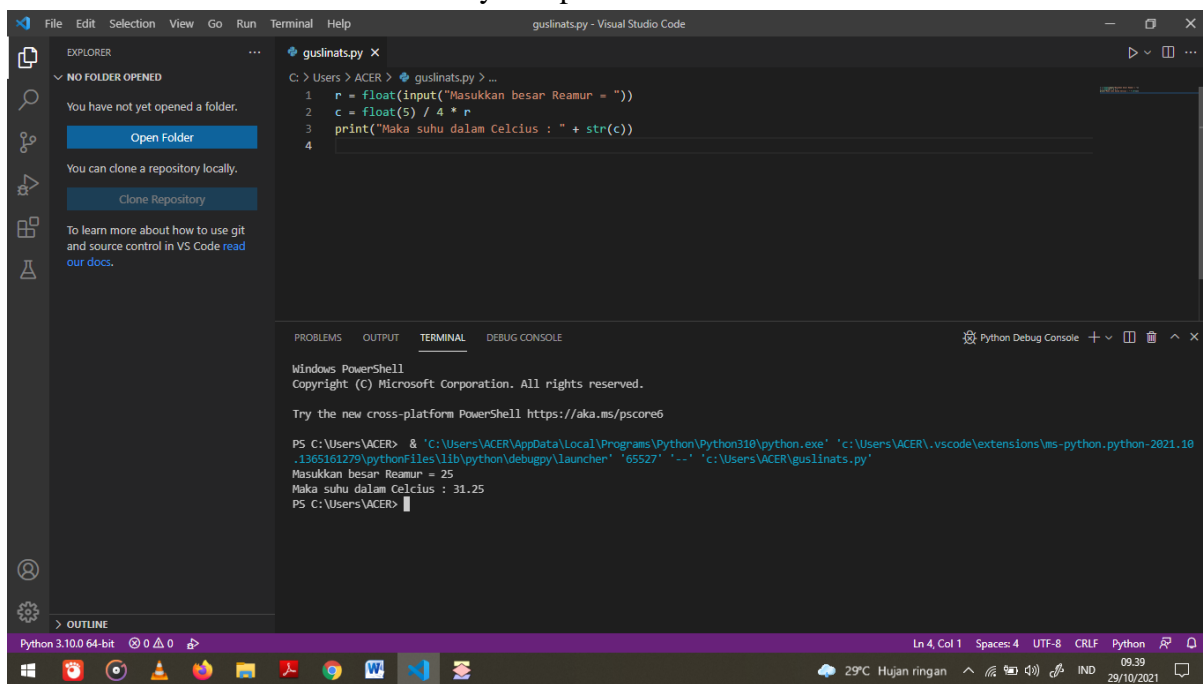
2. Flowchart Conversi Suhu

a. Reamur ke Celcius

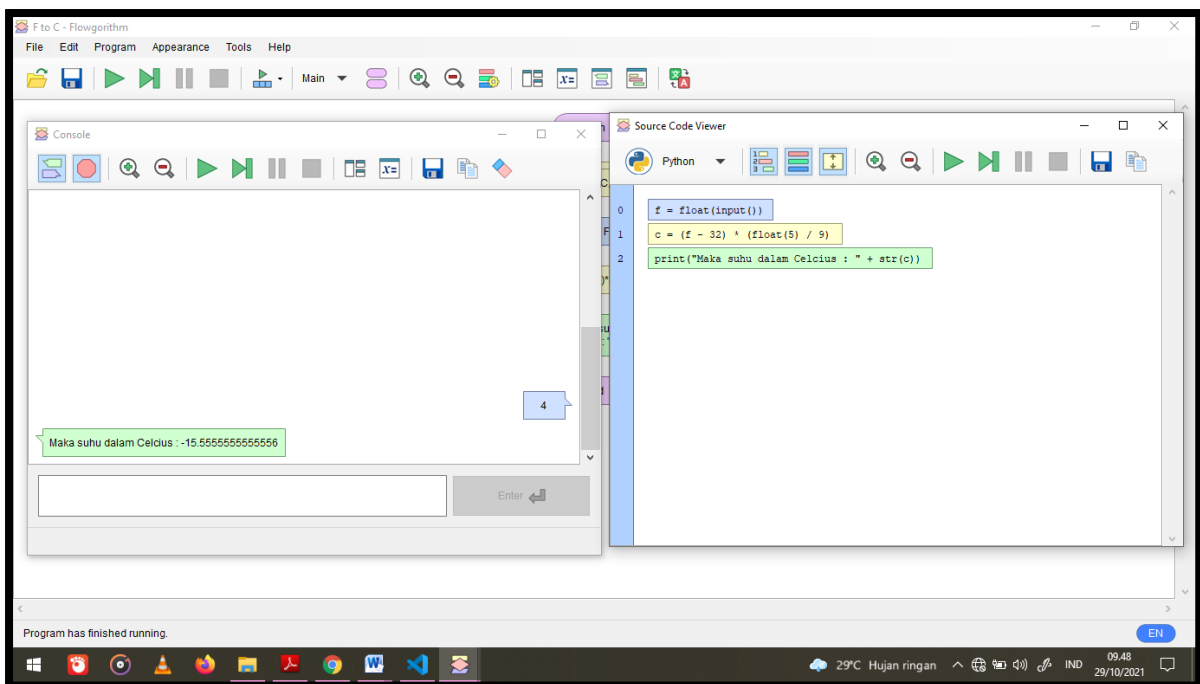
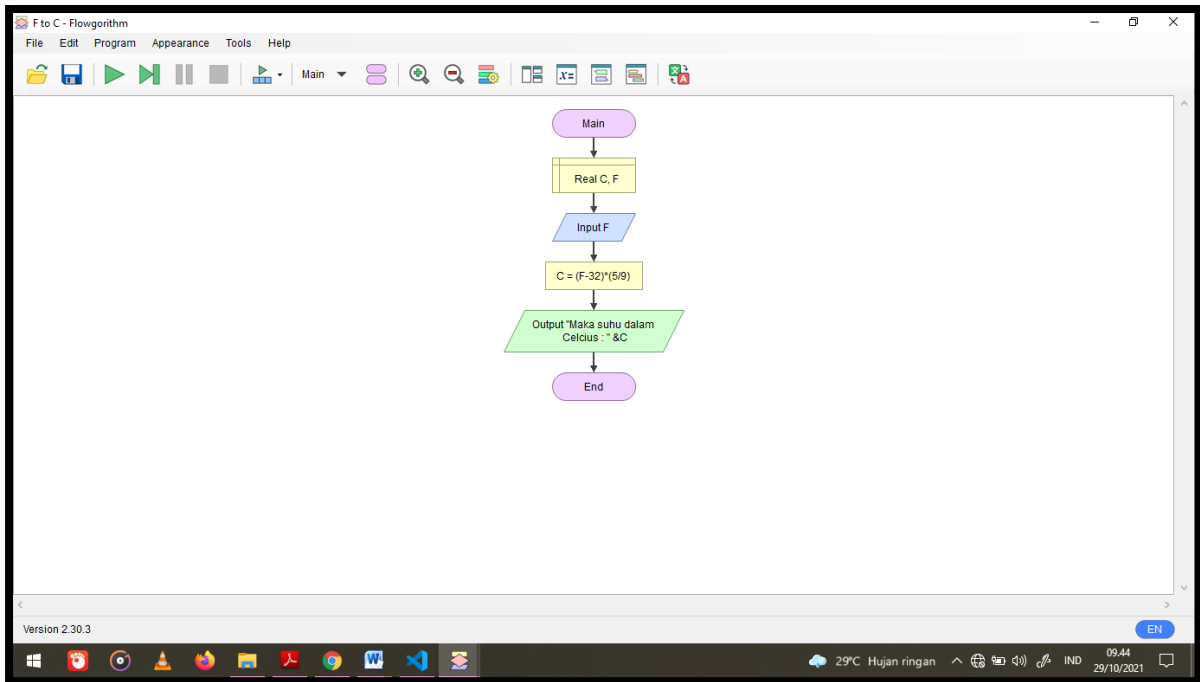




- Konversikan dalam Bahasa Python pada vs code.



b. Fahrenheit ke Celcius



- Konversikan dalam Bahasa Python pada vs code.

The screenshot shows the Visual Studio Code interface with a file named `guslinats.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

```

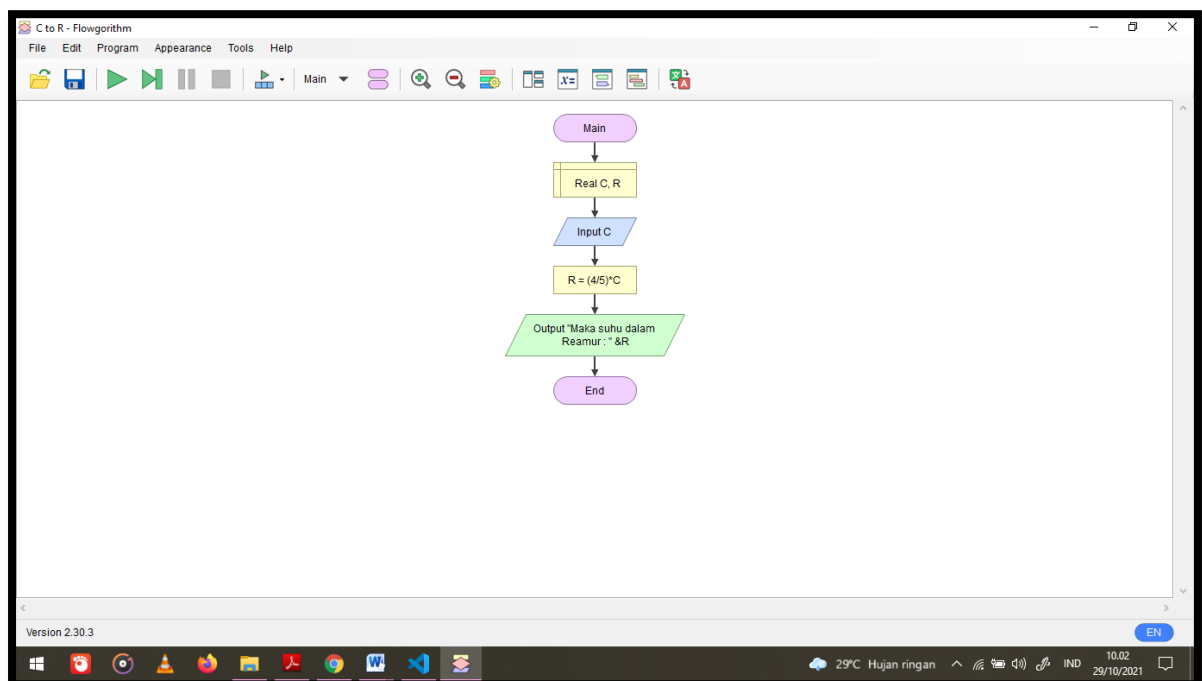
The terminal at the bottom shows the execution of the script using `python.exe`. The output is:

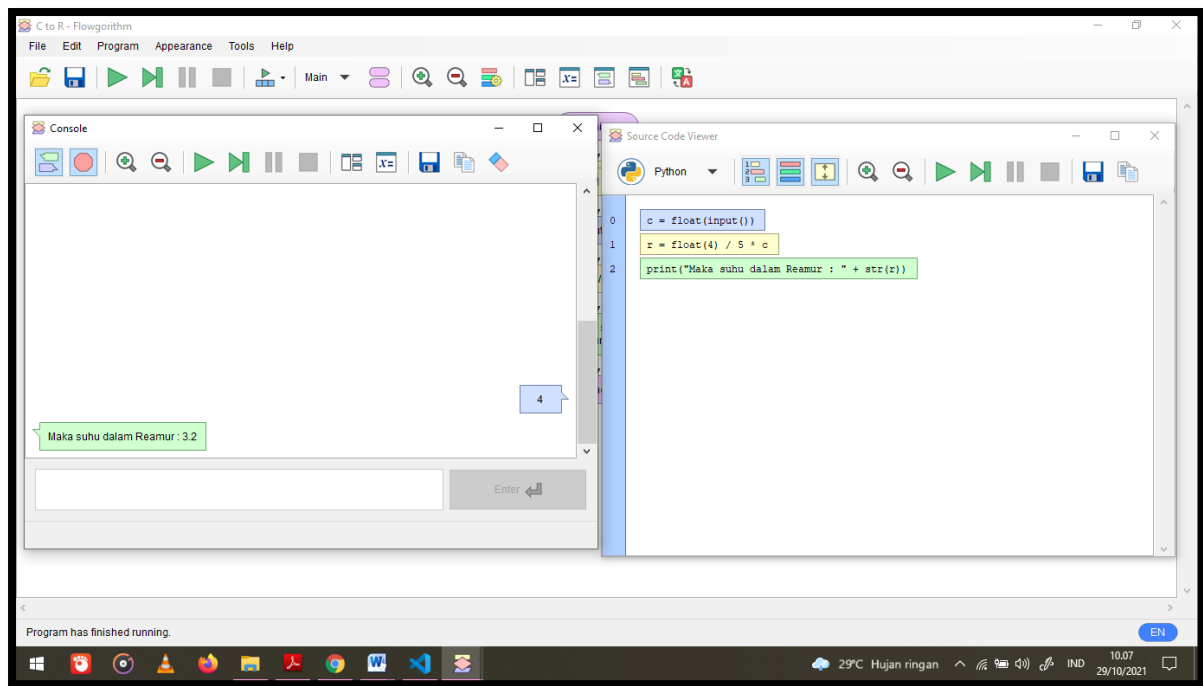
```

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan Besar Fahrenheit = 4
Maka suhu dalam Celcius : -15.555555555555557
PS C:\Users\ACER>

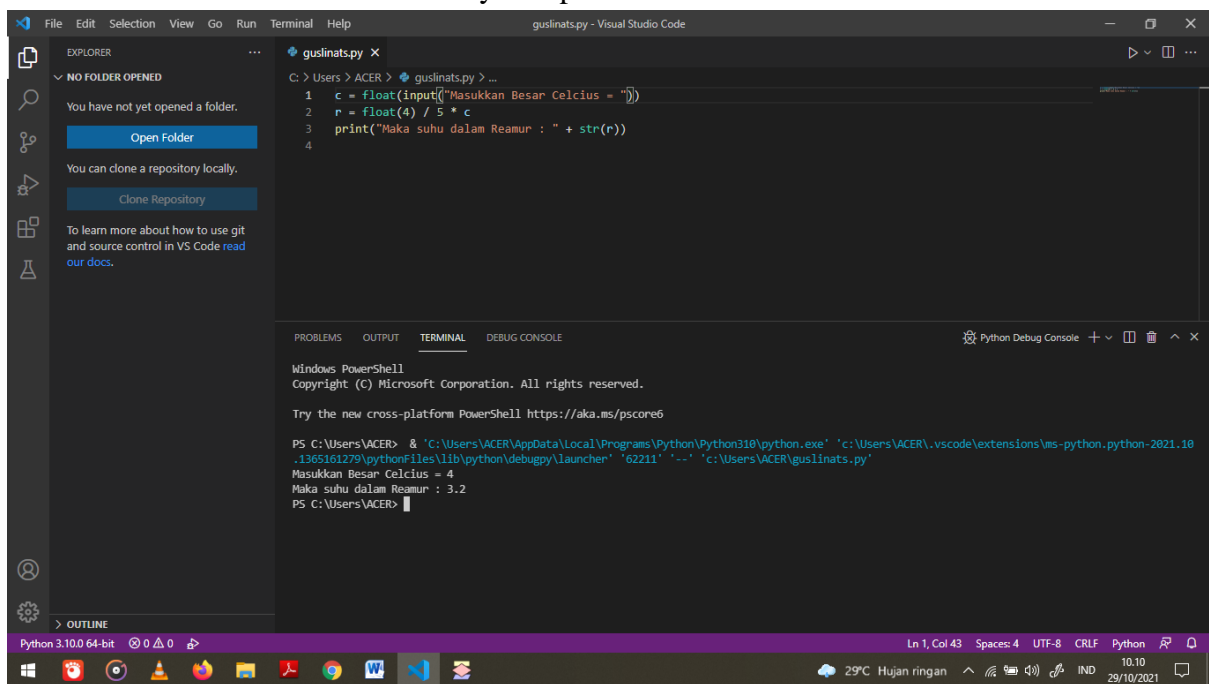
```

c. Celcius ke Reamur

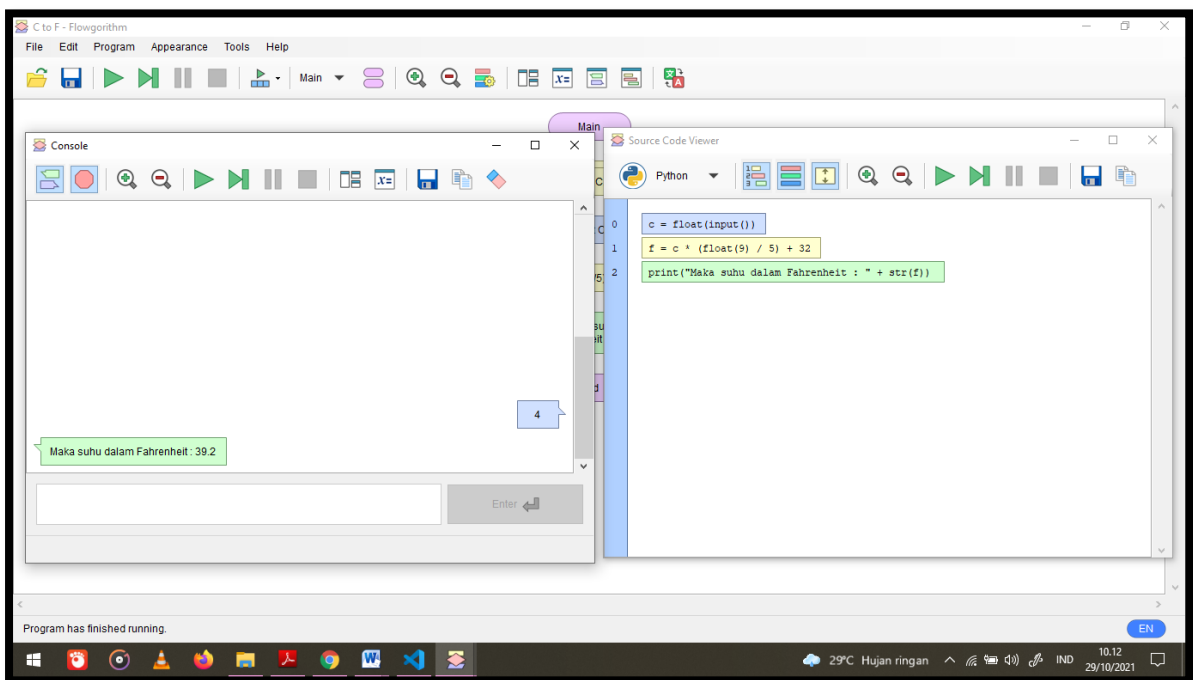
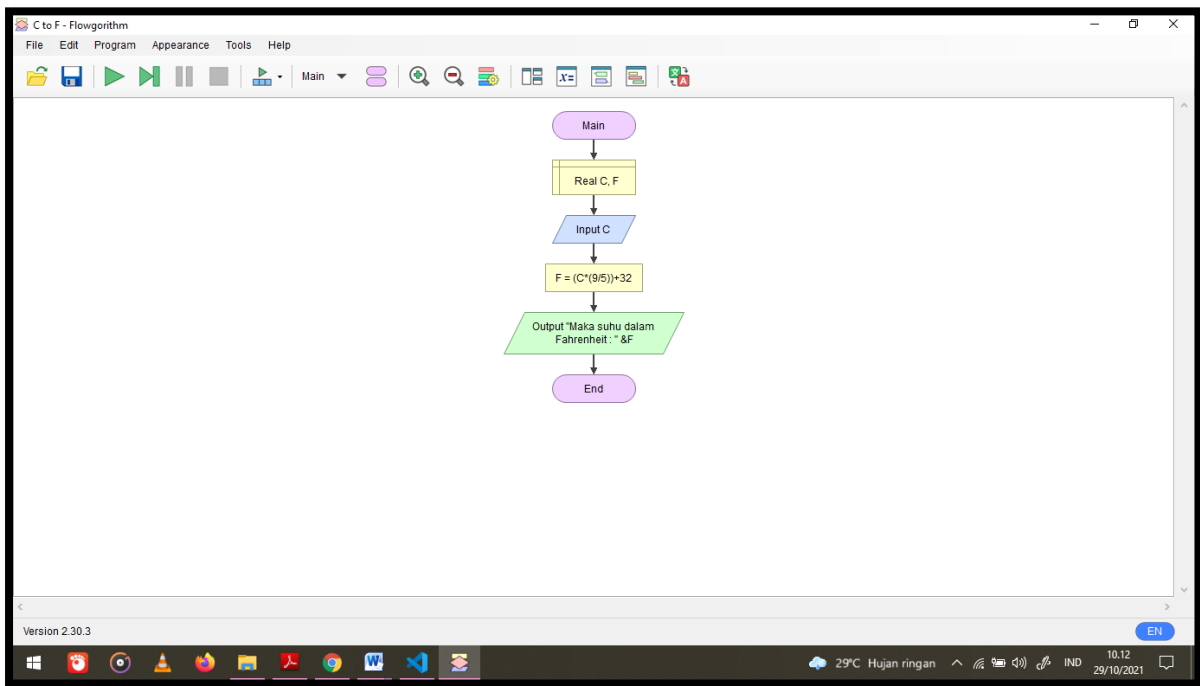




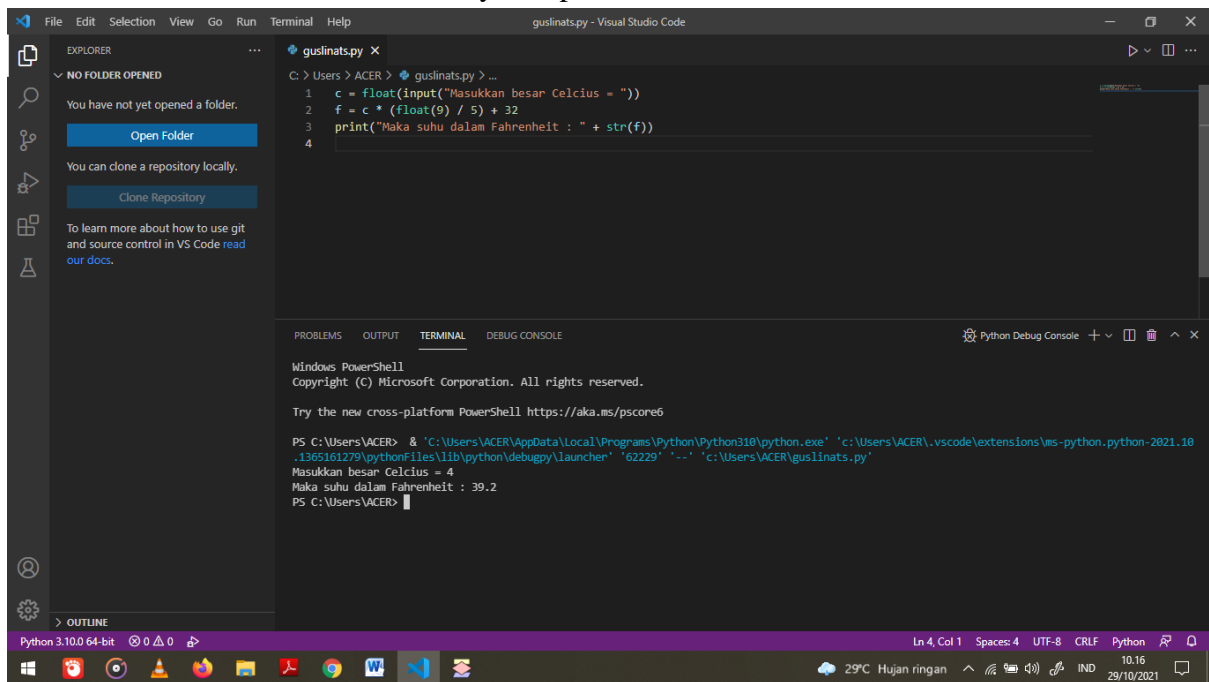
- Konversikan dalam Bahasa Pyhton pada vs code.



d. Celcius ke Fahrenheit.



- Konversikan dalam Bahasa Python pada vs code



The screenshot shows the Visual Studio Code interface with a Python file named `guslinats.py` open. The Explorer sidebar on the left shows "NO FOLDER OPENED" with buttons for "Open Folder" and "Clone Repository". The main editor displays the following Python code:

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

Below the editor, the TERMINAL panel shows the execution of the script in a Windows PowerShell environment. The output is as follows:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\VACER> & 'C:\Users\VACER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\VACER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '62229' '-' 'c:\Users\VACER\guslinats.py'
Masukkan besar Celcius = 4
Maka suhu dalam Fahrenheit : 39.2
PS C:\Users\VACER>
```

The status bar at the bottom indicates the file is using Python 3.10.0 64-bit, with settings for Ln 4, Col 1, Spaces: 4, UTF-8, CRLF, and Python.