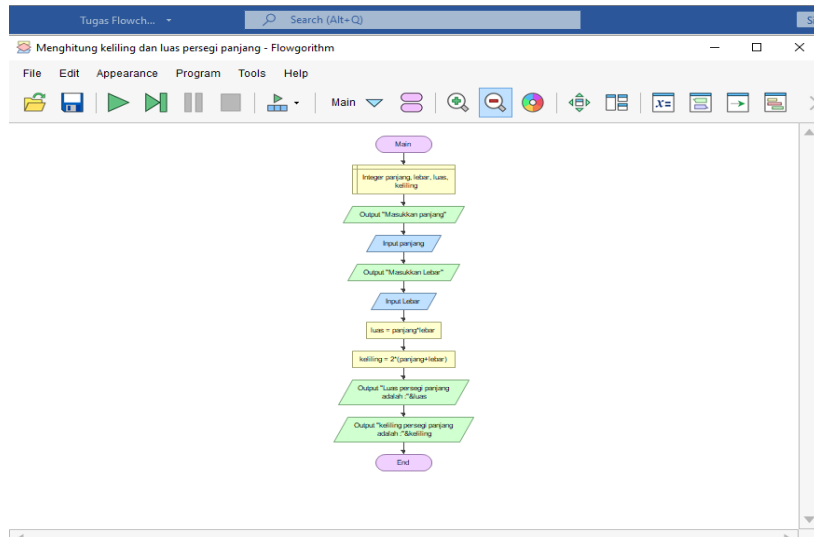
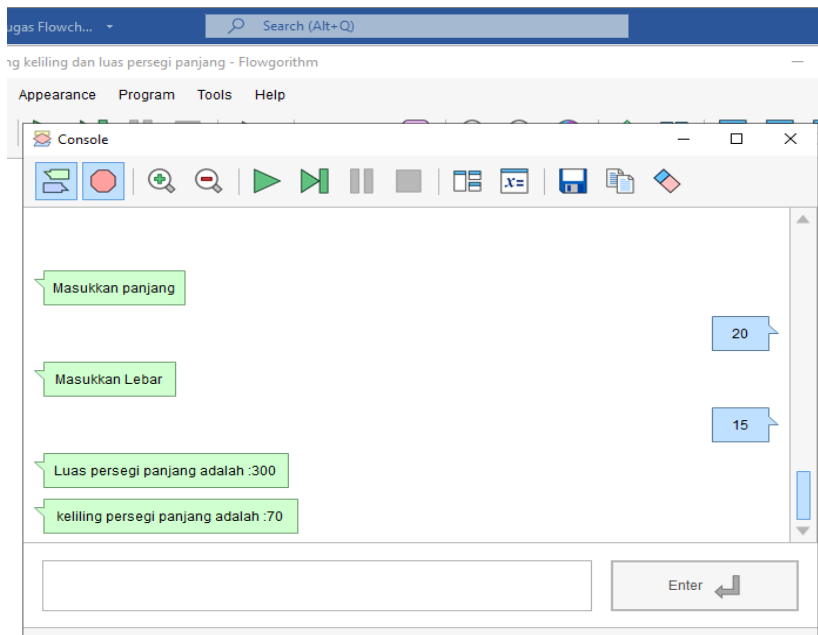


Nama : Nisrina Nisyah  
Nim : 211001010  
Mata Kuliah : Kecerdasan Buatan

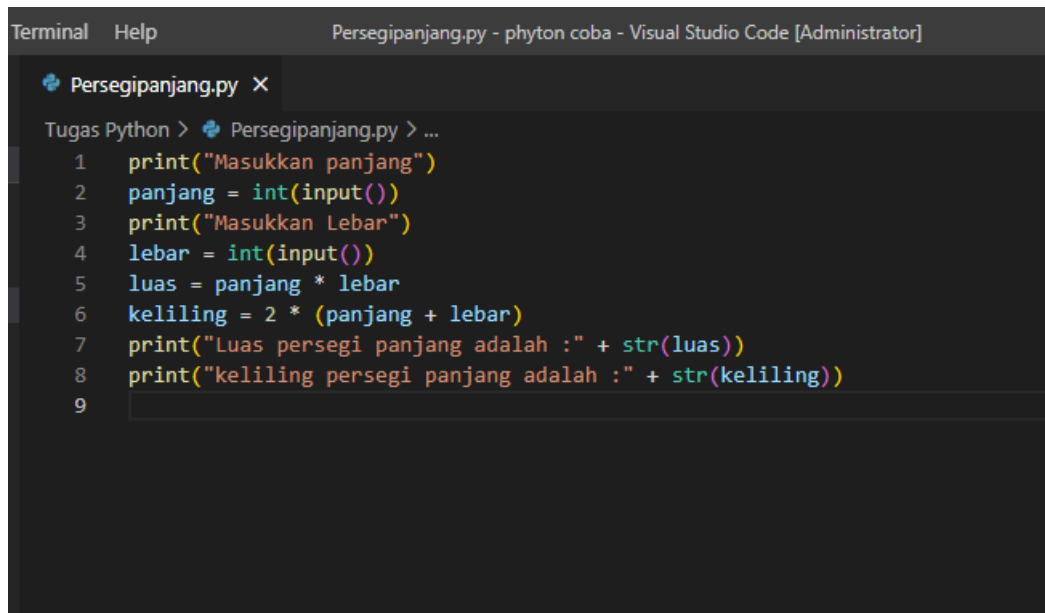
## 1. Flowchart Menghitung Keliling Dan Luas Persegi Panjang menggunakan aplikasi Flowgorithm



*Dalam Bentuk Flowchart*



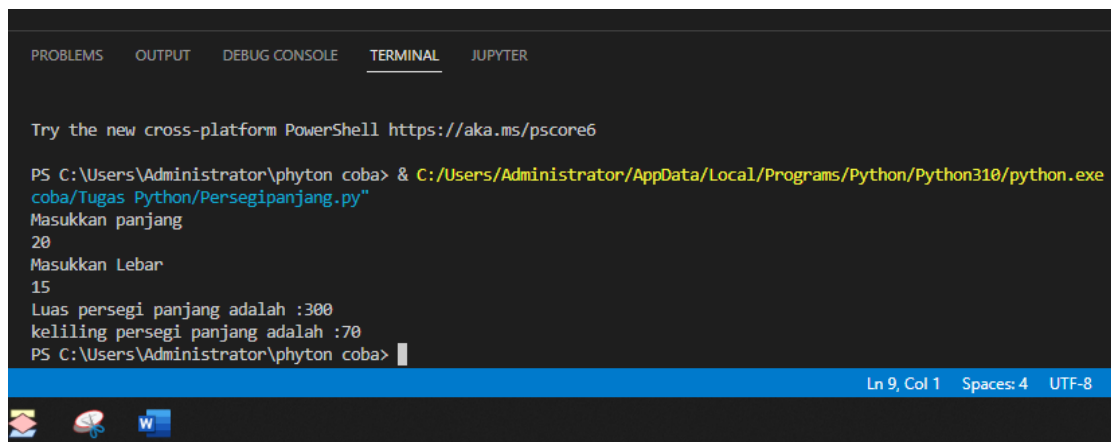
*Hasil running*



The image shows a Visual Studio Code window with a file named 'Persegipanjang.py'. The code is a Python script that prompts the user for the length and width of a rectangle, then calculates and prints the area and perimeter. The code is as follows:

```
Tugas Python > Persegipanjang.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
```

*Dalam Bentuk code Python*



The image shows a Windows PowerShell terminal window. The command prompt is at 'C:\Users\Administrator\phyton coba'. The user has run the command to execute the Python script. The output shows the program prompting for length and width, and then displaying the calculated area and perimeter.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER

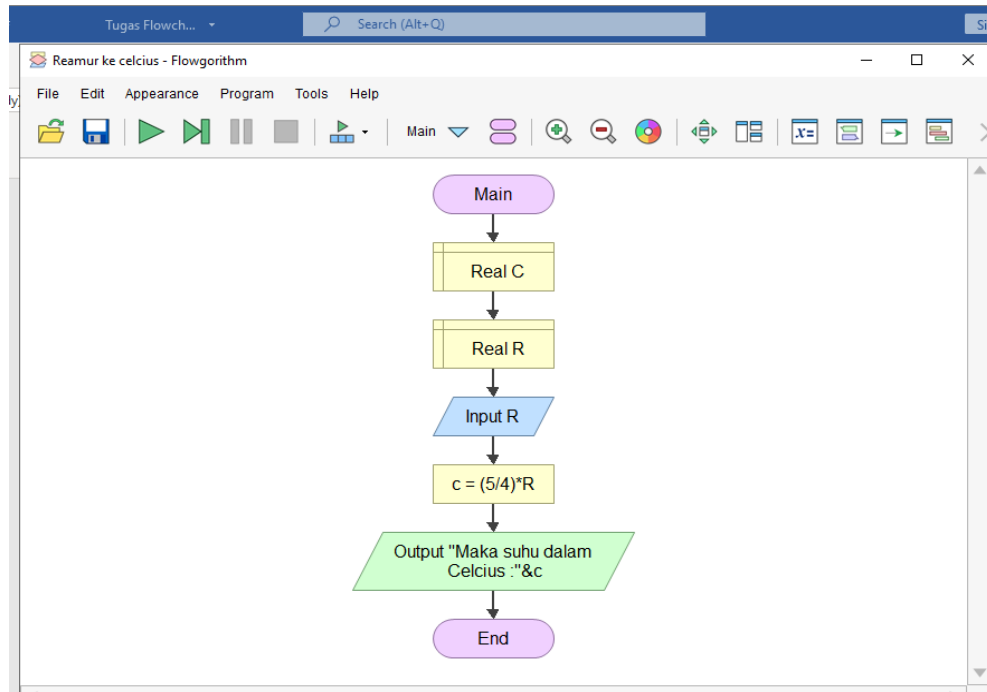
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\Administrator\phyton coba> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "C:/Users/Administrator/phyton coba/Tugas Python/Persegipanjang.py"
Masukkan panjang
20
Masukkan Lebar
15
Luas persegi panjang adalah :300
keliling persegi panjang adalah :70
PS C:\Users\Administrator\phyton coba>
```

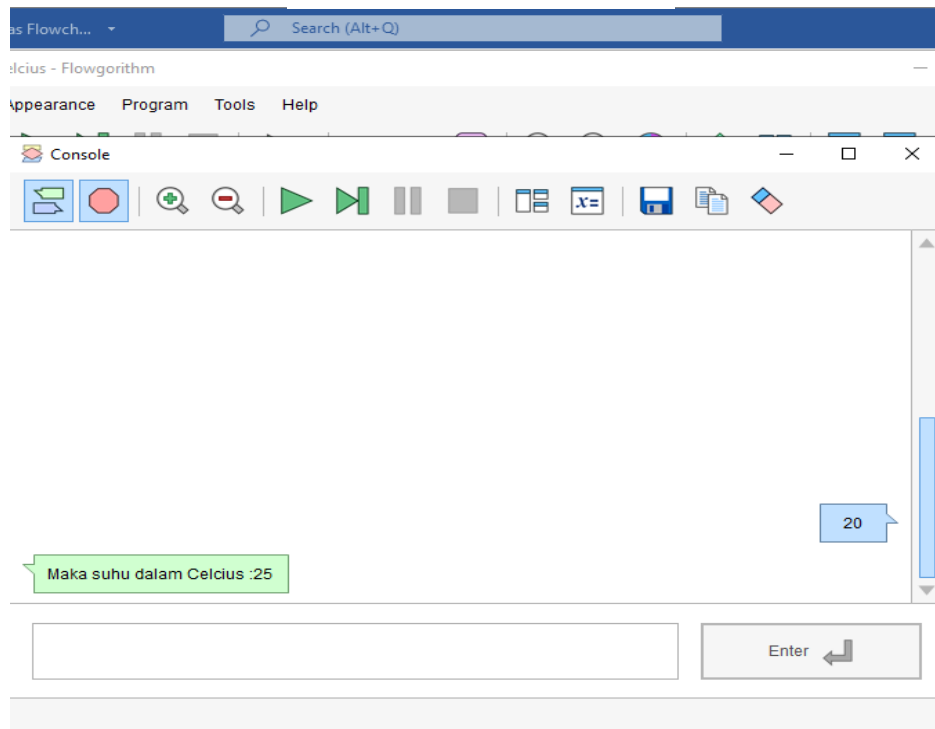
*Hasil running*

## 2. Flowchart Conversi Suhu

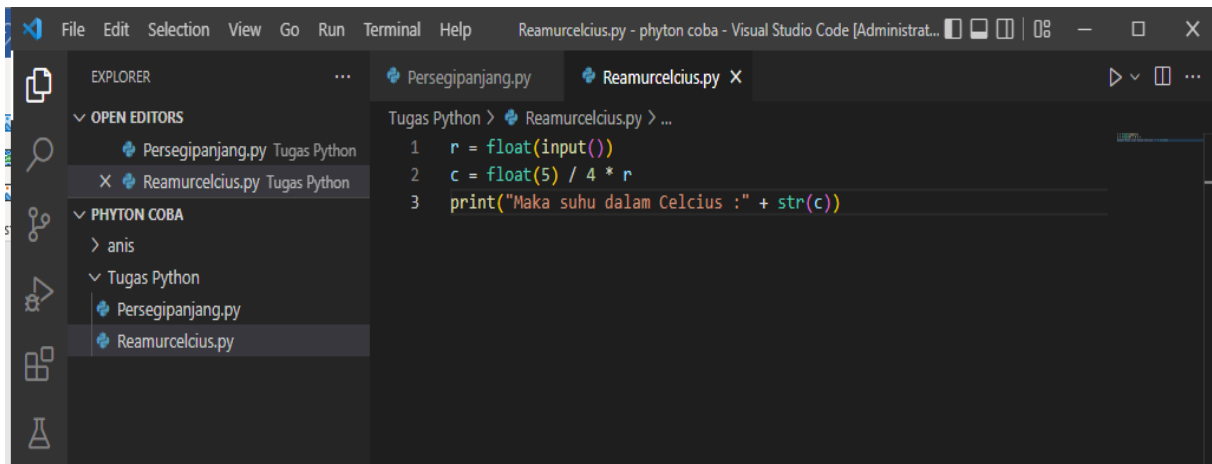
### a. Reamur Ke Celcius



*Dalam Bentuk Flowchart*



*Hasil Running*



```
File Edit Selection View Go Run Terminal Help Reamurcelcius.py - phyton coba - Visual Studio Code [Administrat... 0% - □ □ □ ...
```

EXPLORER

OPEN EDITORS

- Persegipanjang.py Tugas Python
- Reamurcelcius.py Tugas Python

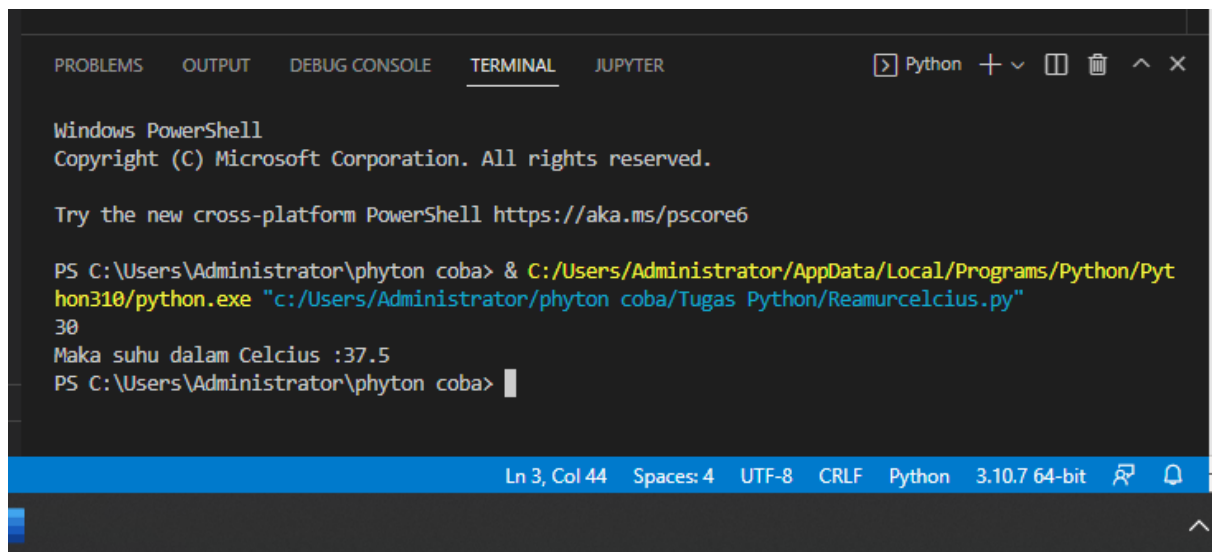
PHYTON COBA

- anis
- Tugas Python
  - Persegipanjang.py
  - Reamurcelcius.py

Tugas Python > Reamurcelcius.py > ...

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

*Dalam Bentuk code Python*



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER Python + v □ □ □ ^ X
```

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

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

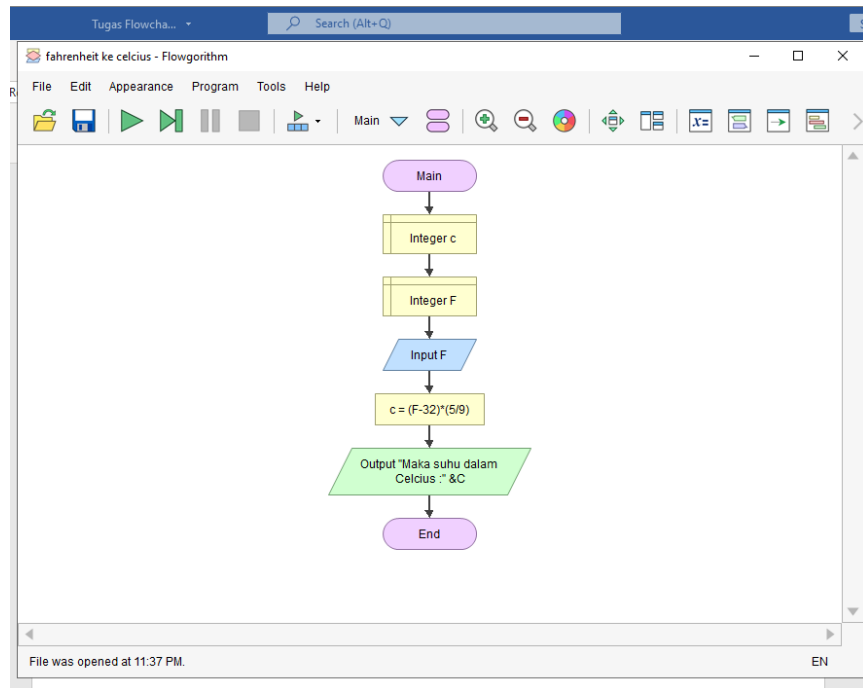
```
PS C:\Users\Administrator\phyton coba> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/Administrator/phyton coba/Tugas Python/Reamurcelcius.py"
```

30  
Maka suhu dalam Celcius :37.5  
PS C:\Users\Administrator\phyton coba> |

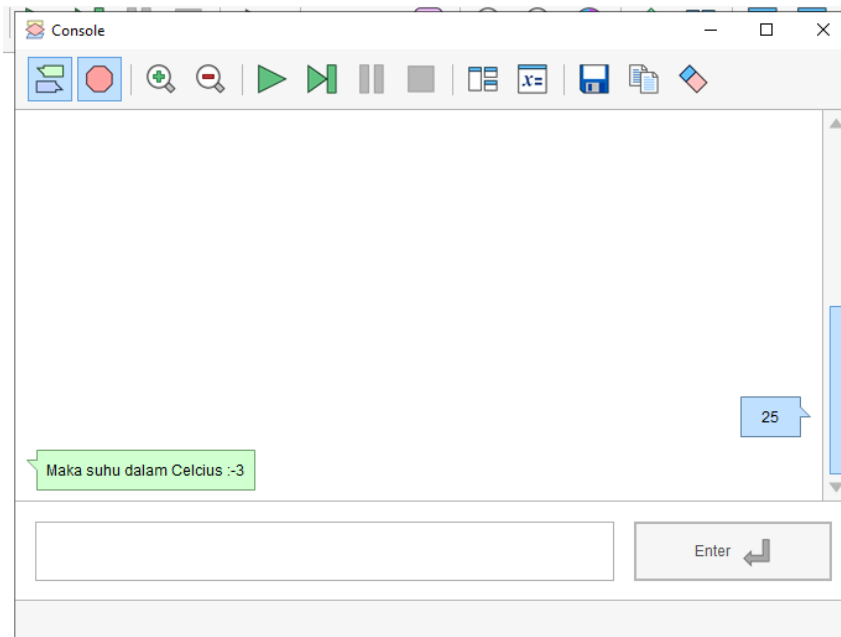
Ln 3, Col 44 Spaces: 4 UTF-8 CRLF Python 3.10.7 64-bit

*Hasil Running*

## b. Fahrenheit Ke Celcius



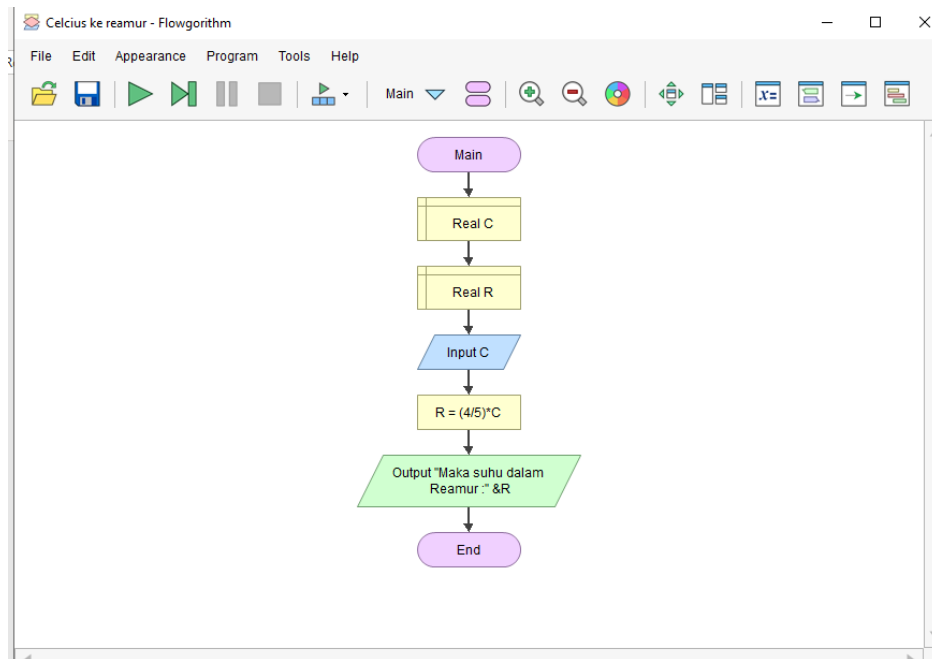
*Dalam Bentuk Flowchart*



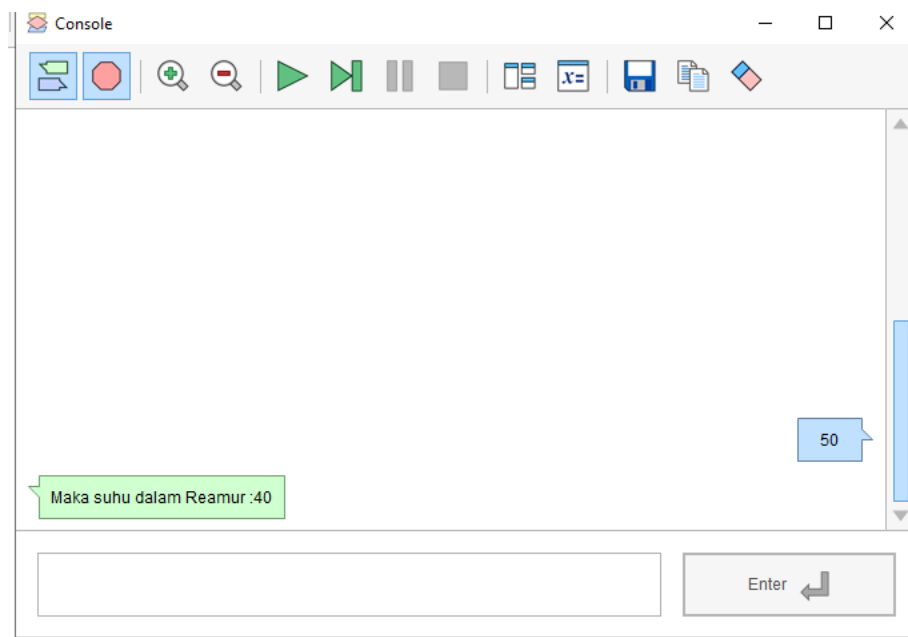
*Hasil running*



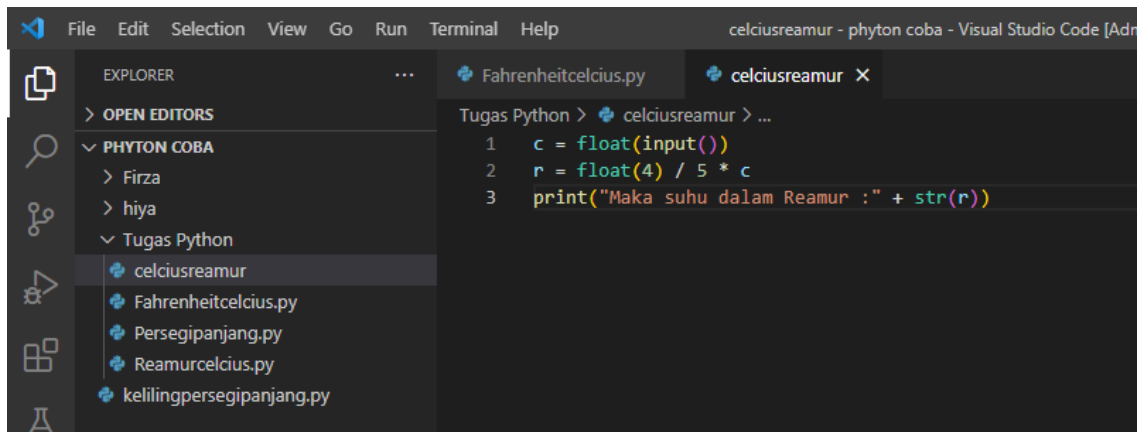
### c. Celcius Ke Reamur



*Dalam Bentuk Flowchart*



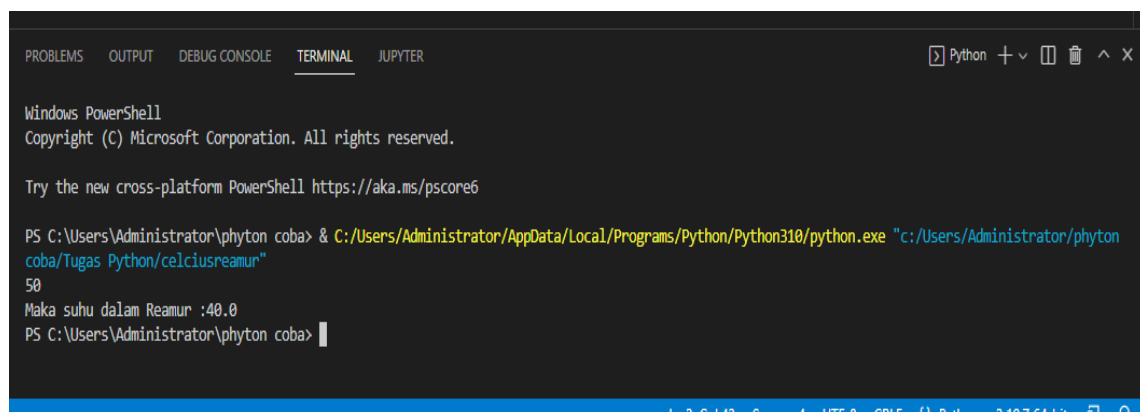
*Hasil Running Flowchart*



The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays a project named 'PHYTON COBA' with a subfolder 'Tugas Python' containing several files, including 'celciusreamur'. The main editor window shows the code for 'celciusreamur.py':

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

*Dalam Bentuk code python*



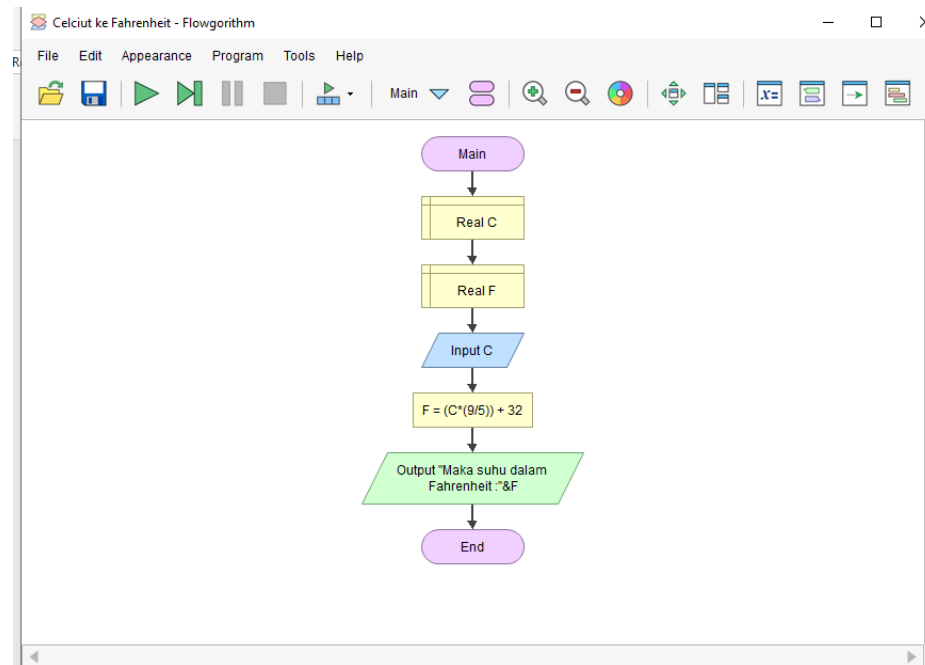
The screenshot shows a Windows PowerShell terminal window. The prompt is 'PS C:\Users\Administrator\phyton coba>'. The user has entered the command to run the Python script: 'C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/Administrator/phyton coba/Tugas Python/celciusreamur"'. The output shows the program running and displaying the result: 'Maka suhu dalam Reamur :40.0'.

```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Try the new cross-platform PowerShell https://aka.ms/pscore6  
  
PS C:\Users\Administrator\phyton coba> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/Administrator/phyton  
coba/Tugas Python/celciusreamur"  
50  
Maka suhu dalam Reamur :40.0  
PS C:\Users\Administrator\phyton coba>
```

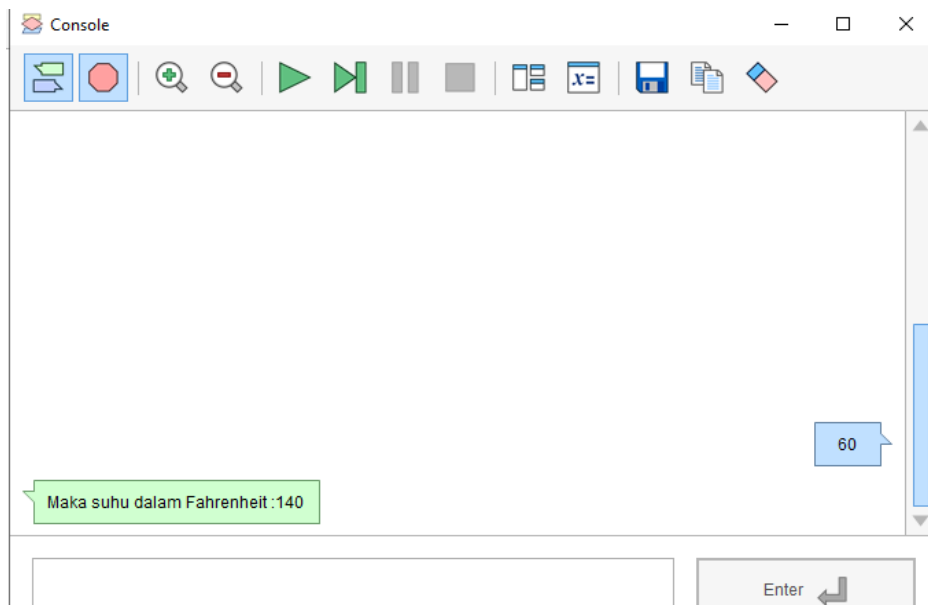
*Hasil running code python*



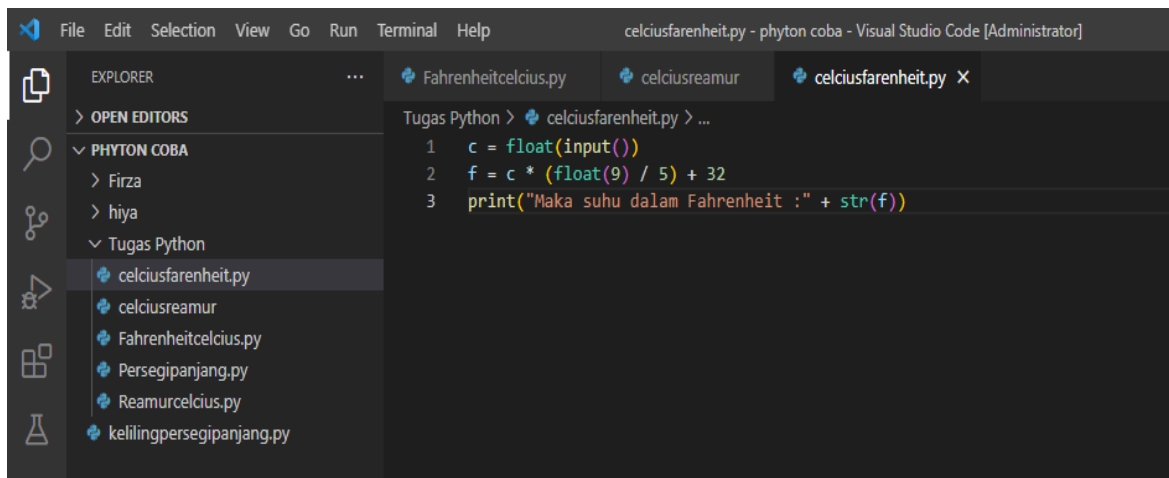
#### d. Celcius Ke Farenheit



*Dalam Bentuk Flowchart*



*Hasil Running Bentuk Flowchart*

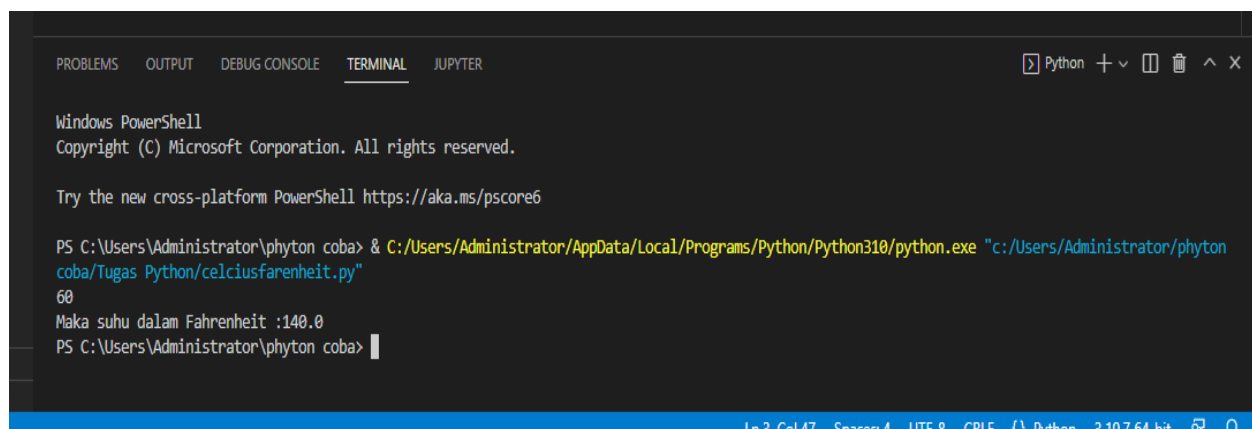


```
File Edit Selection View Go Run Terminal Help
celciusfahrenheit.py - phyton coba - Visual Studio Code [Administrator]

EXPLORER
OPEN EDITORS
PHYTON COBA
  Firza
  hiya
  Tugas Python
    celciusfahrenheit.py
    celciusreamur
    Fahrenheitcelcius.py
    Persegipanjang.py
    Reamurcelcius.py
    kelilingpersegipanjang.py

Tugas Python > celciusfahrenheit.py > ...
1 c = float(input())
2 f = c * (float(9) / 5) + 32
3 print("Maka suhu dalam Fahrenheit :" + str(f))
```

*Dalam Bentuk code python*



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Python + - [ ] [ ] [ ] [ ]

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

PS C:\Users\Administrator\phyton coba> & C:/Users/Administrator/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/Administrator/phyton
coba/Tugas Python/celciusfahrenheit.py"
60
Maka suhu dalam Fahrenheit :140.0
PS C:\Users\Administrator\phyton coba> |
```

*Hasil Running code python*