

Nama : Radimas Audisyah Rahmana

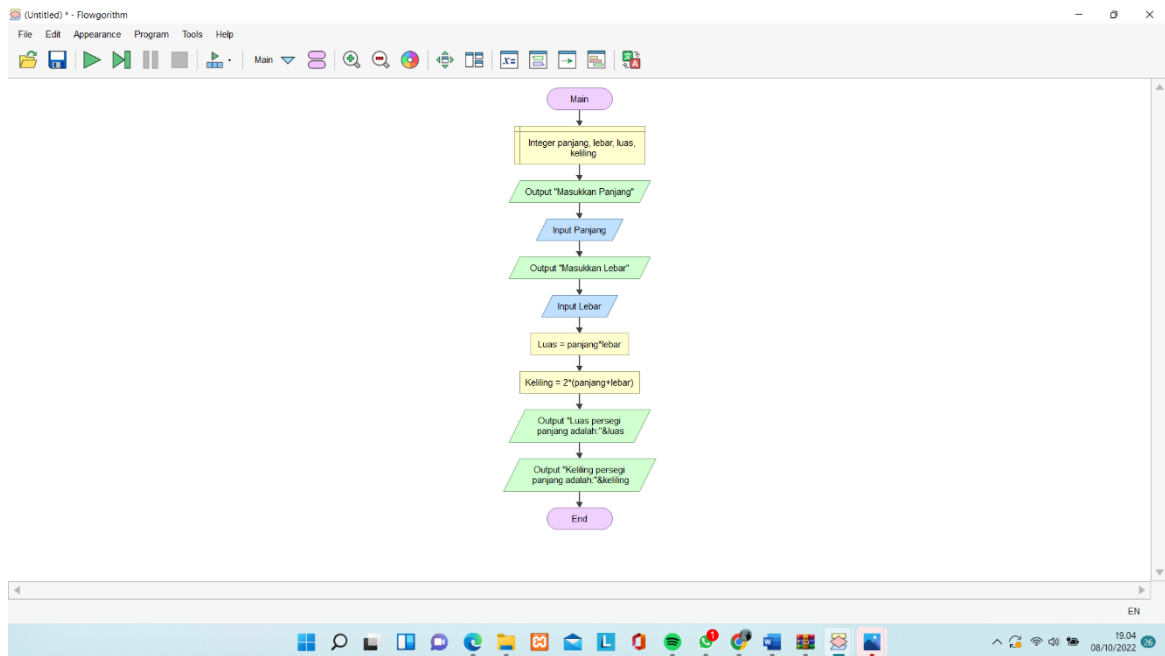
Nim : 211001011

Kelas : D

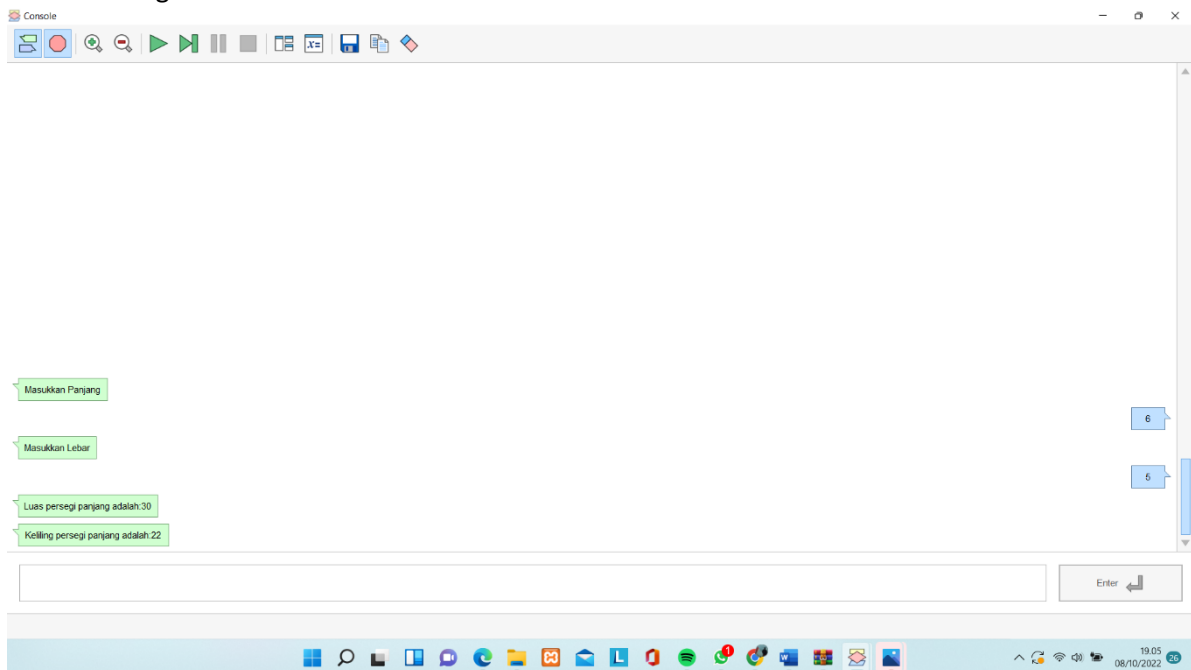
➤ Flowchart

1. Menghitung Keliling dan Luas Persegi Panjang

- Praktik



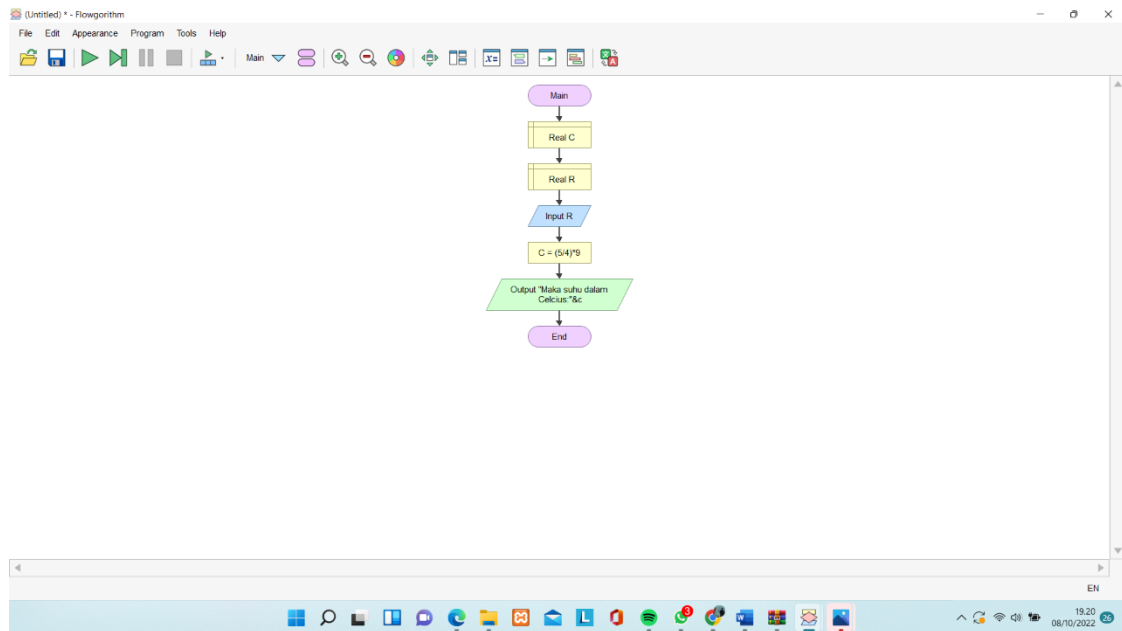
- Hasil Running



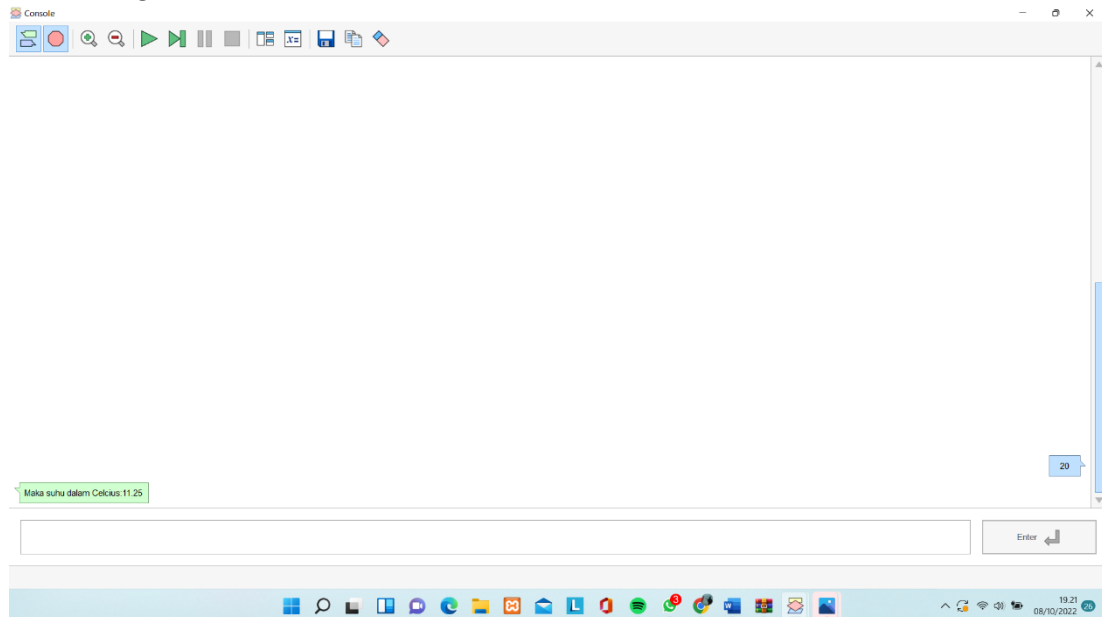
2. Flowchart Conveersi Suhu

a. Reamur ke Celsius

- Praktik



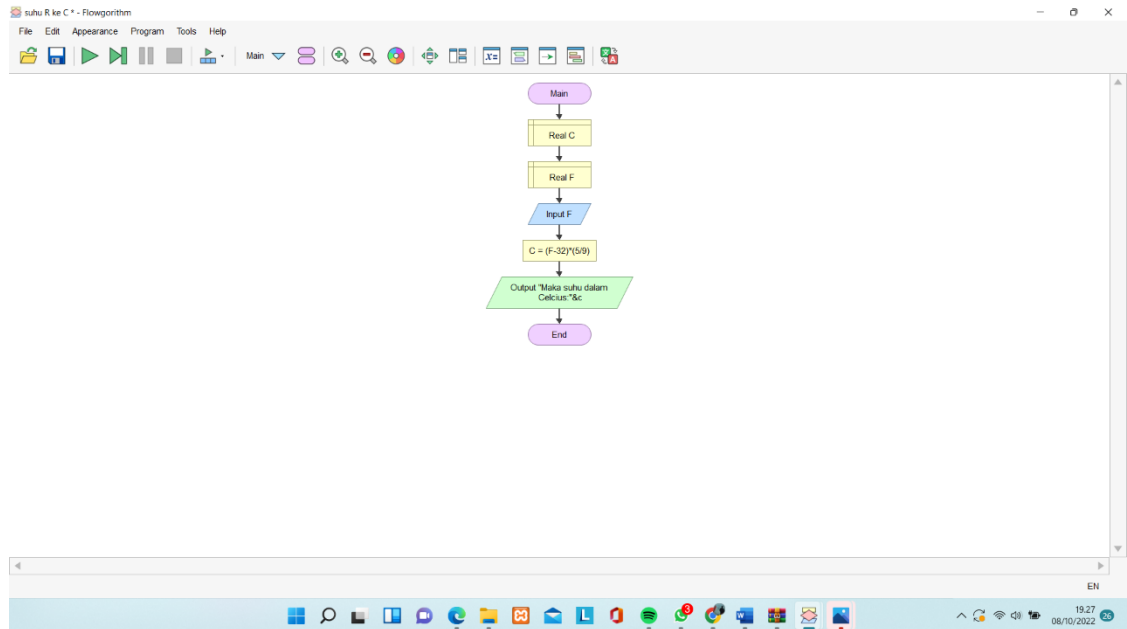
- Hasil Running



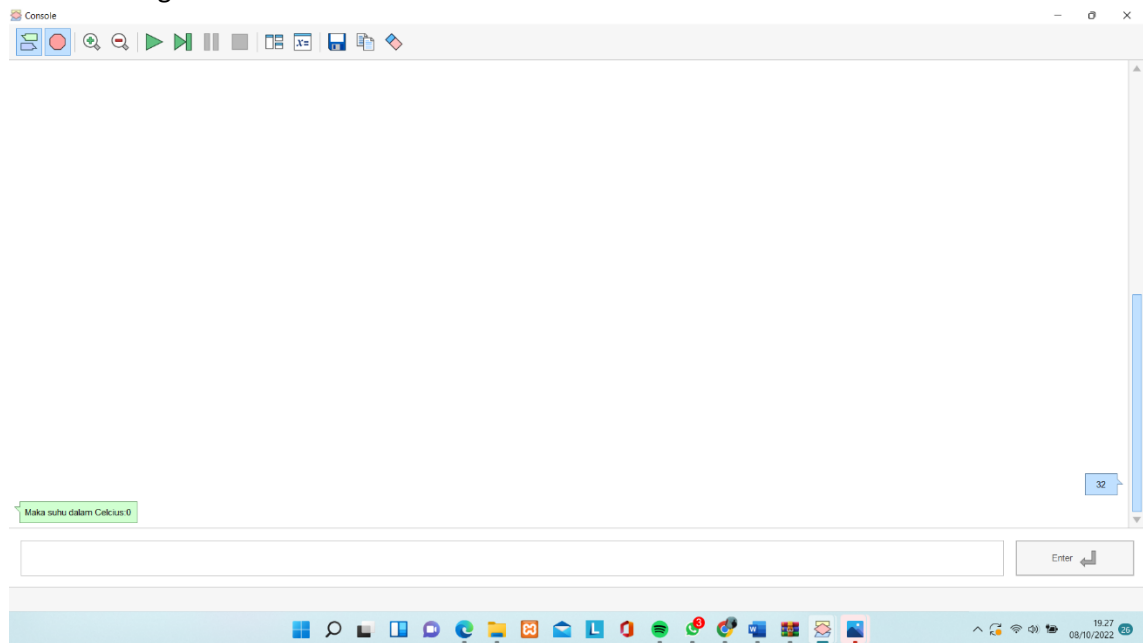
Suhu Reamur=20 maka suhu Celcius=11,25

b. Fahrenheit ke Celcius

- Praktik



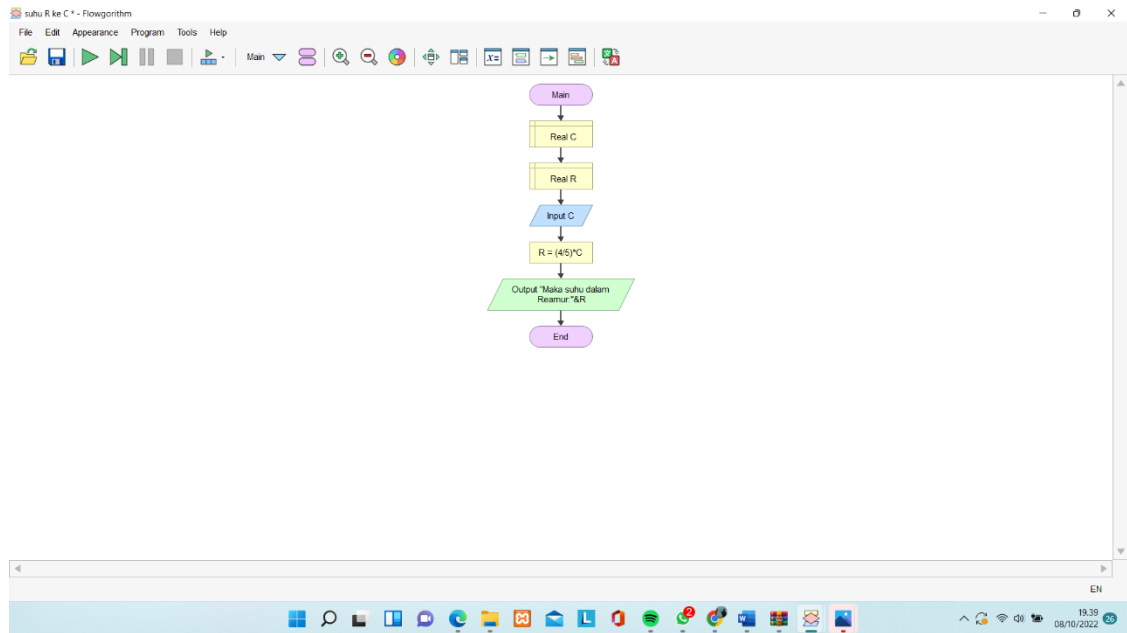
- Hasil Running



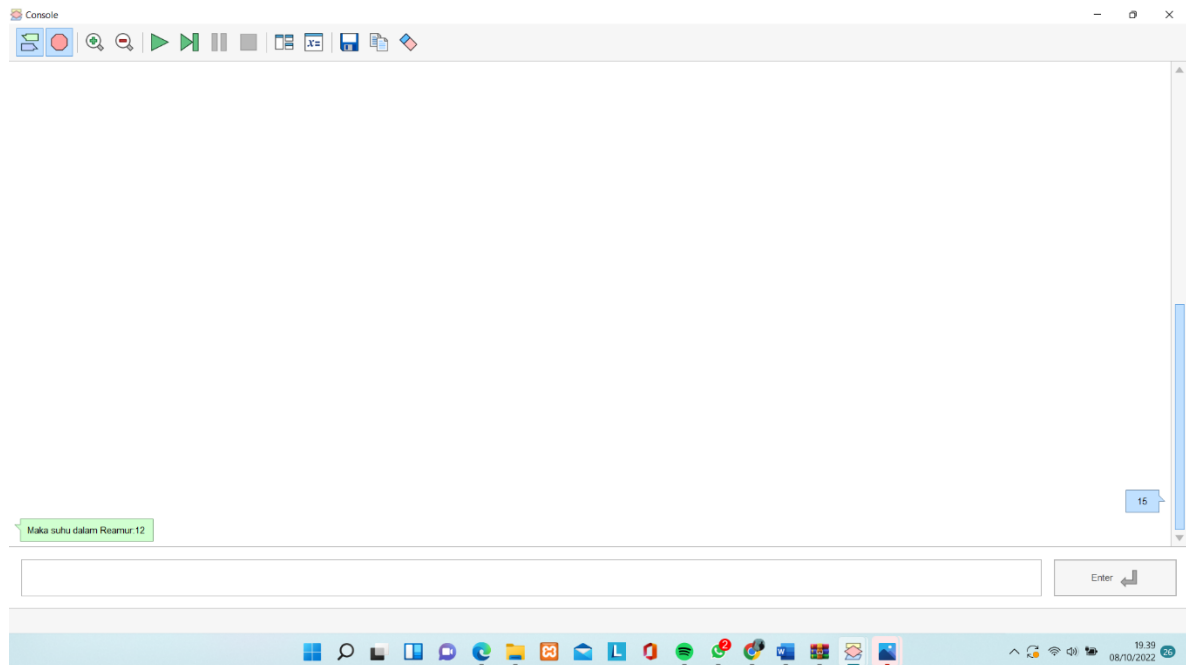
Suhut Fahrenheit=32 maka suhu Celcius=0

c. Celcius ke Reamur

- Praktik



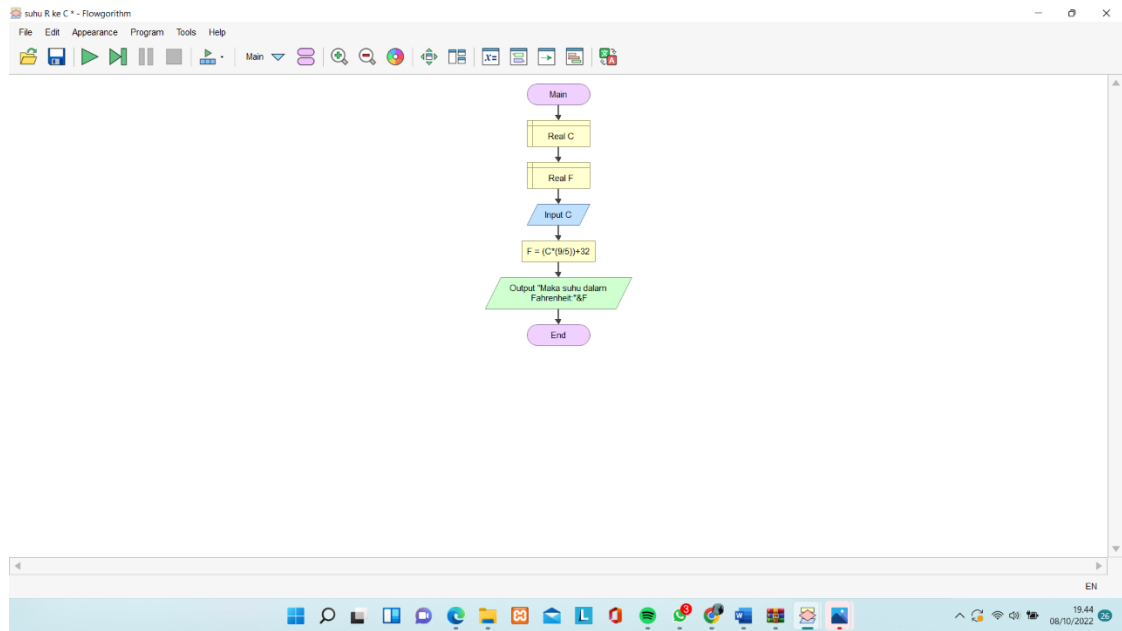
- Hasil Running



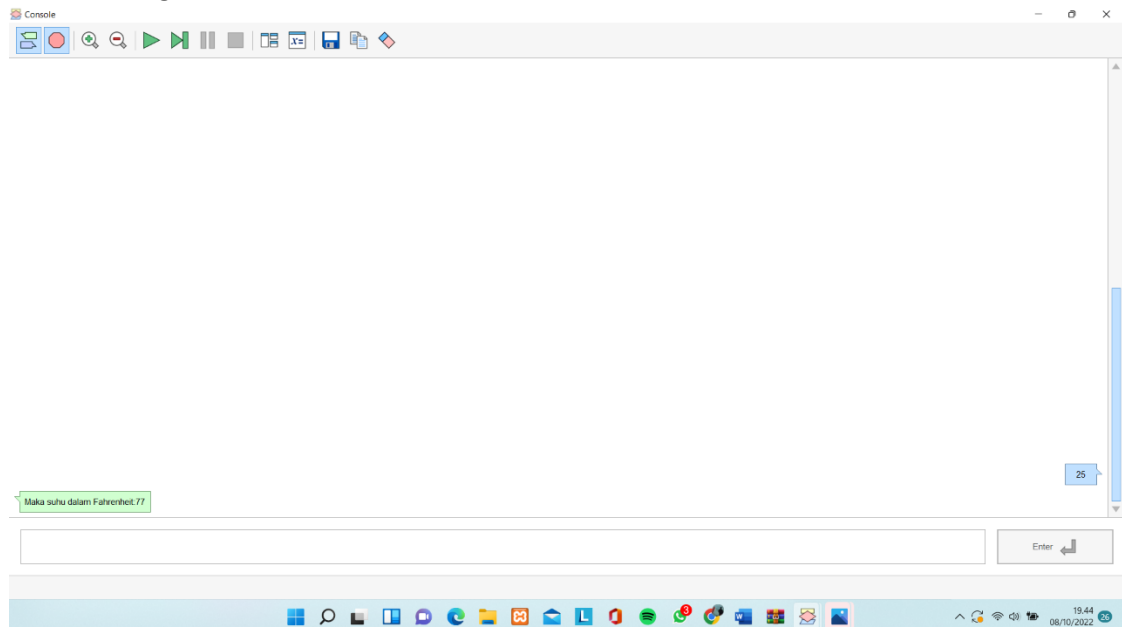
Suhu Celcius=15 maka suhu Reamur=12

d. Celcius ke Fahrenheit

- Praktik



- Hasil Running

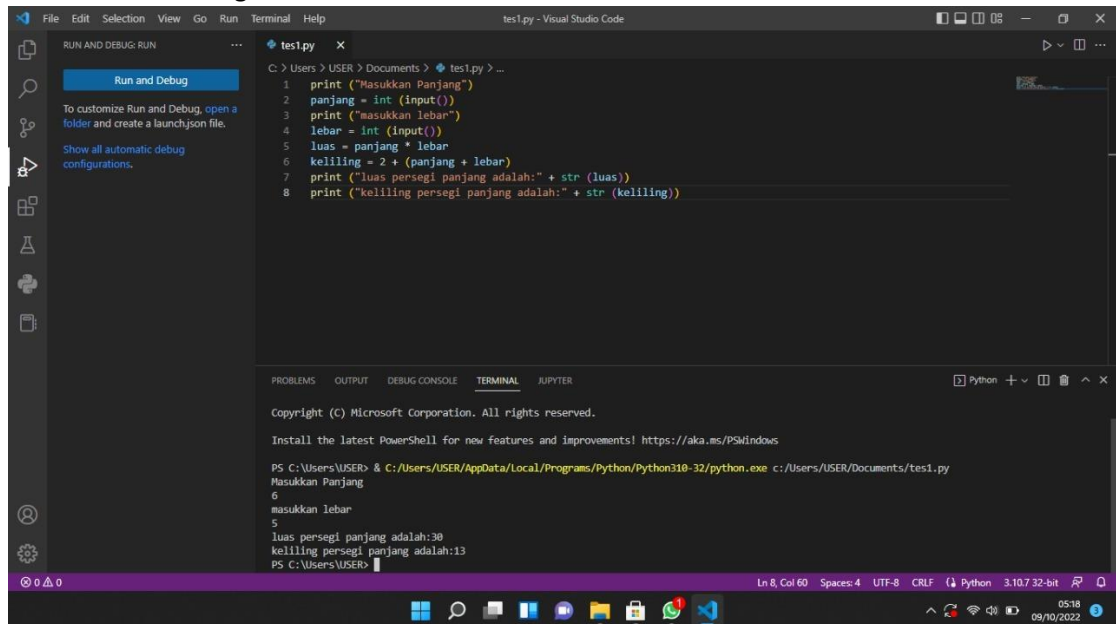


SuhuCelcius=25 maka suhu Fahrenheit=77

➤ Python

1. Menghitung Panjang dan Luas Persegi Panjang

- Praktik dan Running



The screenshot shows the Visual Studio Code interface with a file named `tes1.py` open. The code in the editor is as follows:

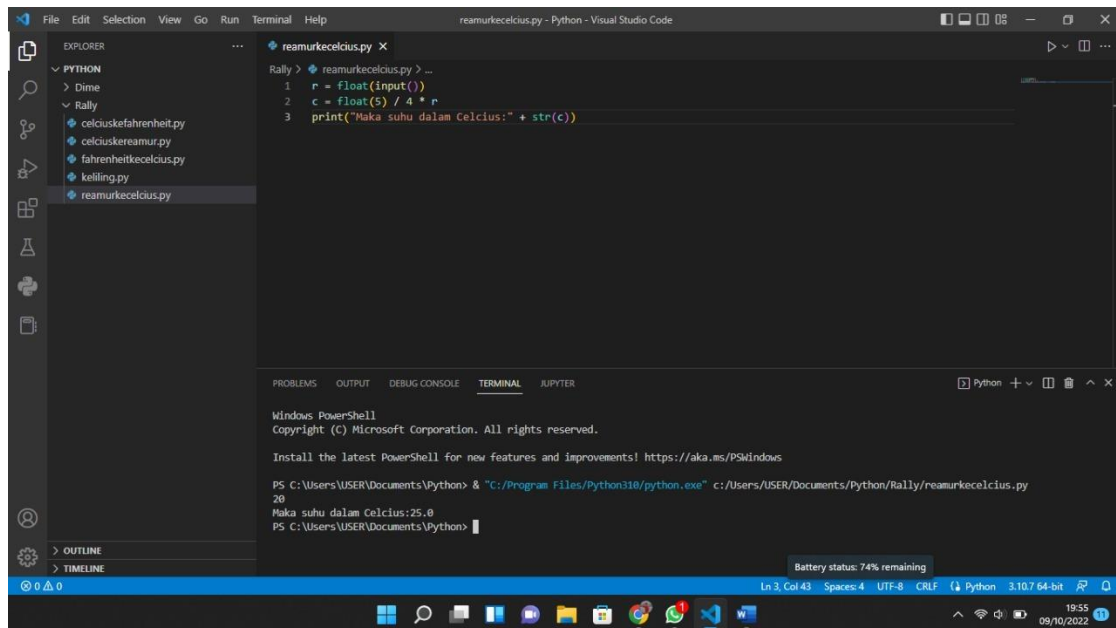
```
1 print ("Masukkan Panjang")
2 panjang = int (input())
3 print ("masukkan lebar")
4 lebar = int (input())
5 luas = panjang * lebar
6 keliling = 2 * (panjang + lebar)
7 print ("luas persegi panjang adalah:" + str (luas))
8 print ("keliling persegi panjang adalah:" + str (keliling))
```

The terminal output shows the execution of the script:

```
PS C:\Users\USER> & C:/Users/USER/AppData/Local/Programs/Python/Python310-32/python.exe c:/Users/USER/Documents/tes1.py
Masukkan Panjang
6
masukkan lebar
5
luas persegi panjang adalah:30
keliling persegi panjang adalah:13
PS C:\Users\USER>
```

2. Conversi Suhu

- Reamur ke Celcius



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

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

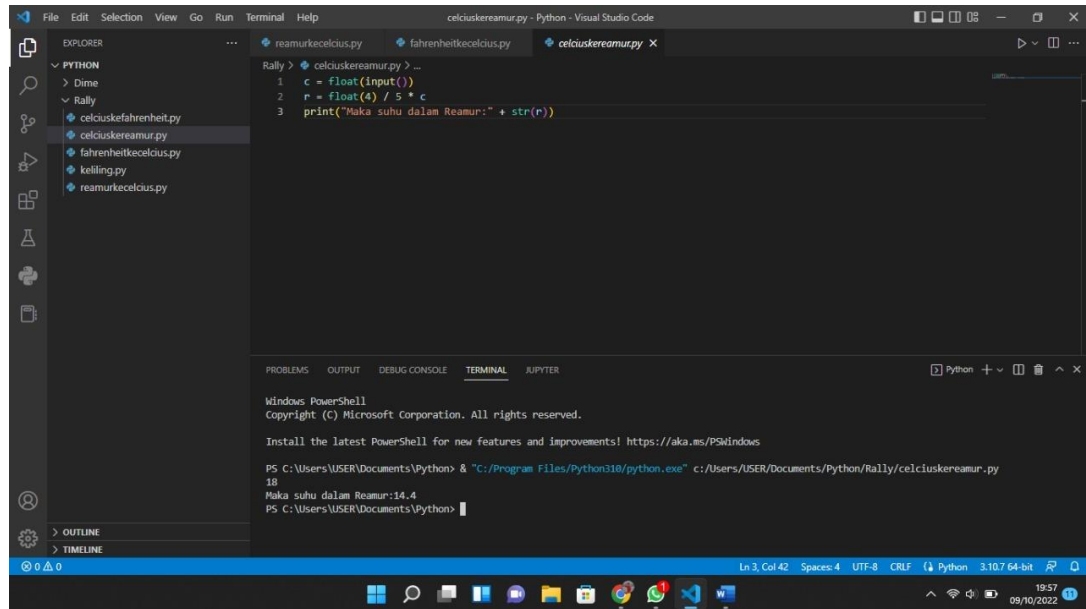
The terminal output shows the execution of the script:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" c:/Users/USER/Documents/Python/Rally/reamurkecelcius.py
20
Maka suhu dalam Celcius:25.0
PS C:\Users\USER\Documents\Python>
```

- Celcius ke Reamur



```
File Edit Selection View Go Run Terminal Help
celciuskereamur.py - Python - Visual Studio Code

EXPLORER
PYTHON
  Rally
    celciuskefahrenheit.py
    celciuskereamur.py
    fahrenheitkecelcius.py
    kelling.py
    reamurkecelcius.py

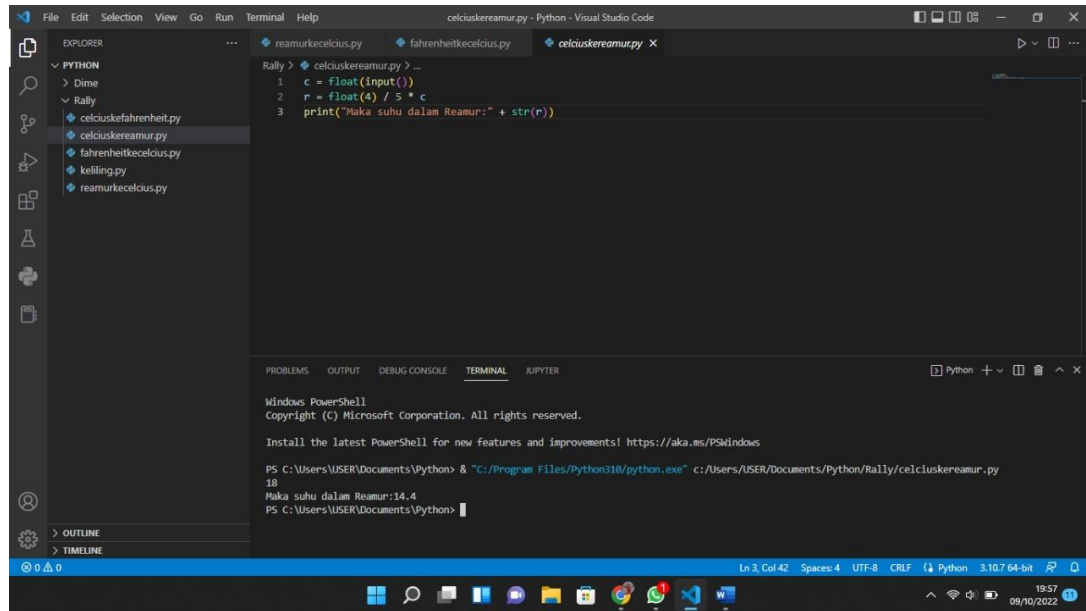
Rally > celciuskereamur.py > ...
1 c = float(input())
2 r = float(4) / 5 * c
3 print("Maka suhu dalam Reamur:" + str(r))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
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\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" c:/Users/USER/Documents/Python/Rally/celciuskereamur.py
18
Maka suhu dalam Reamur:14.4
PS C:\Users\USER\Documents\Python> |
```

- Celcius ke Fahrenheit



```
File Edit Selection View Go Run Terminal Help
celciuskefahrenheit.py - Python - Visual Studio Code

EXPLORER
PYTHON
  Rally
    celciuskefahrenheit.py
    celciuskereamur.py
    fahrenheitkecelcius.py
    kelling.py
    reamurkecelcius.py

Rally > celciuskefahrenheit.py > ...
1 c = float(input())
2 f = float(4) / 5 * c
3 print("Maka suhu dalam Reamur:" + str(r))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
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\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" c:/Users/USER/Documents/Python/Rally/celciuskefahrenheit.py
18
Maka suhu dalam Reamur:14.4
PS C:\Users\USER\Documents\Python> |
```

- Fahrenheit ke Celcius

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

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

The terminal at the bottom shows the execution of the script in a Windows PowerShell environment. The output is:

```
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\USER\Documents\Python> & "C:/Program Files/Python310/python.exe" c:/Users/USER/Documents/Python/Rally/celciuskeamur.py  
18  
Maka suhu dalam Reamur:14.4  
PS C:\Users\USER\Documents\Python>
```

The status bar at the bottom indicates the current line and column (Ln 3, Col 42), encoding (UTF-8), line ending (CRLF), and the Python interpreter path (Python 3.10.7 64-bit).