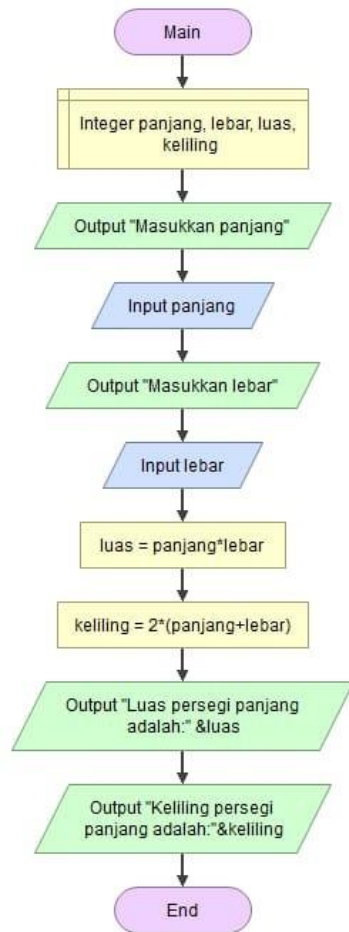


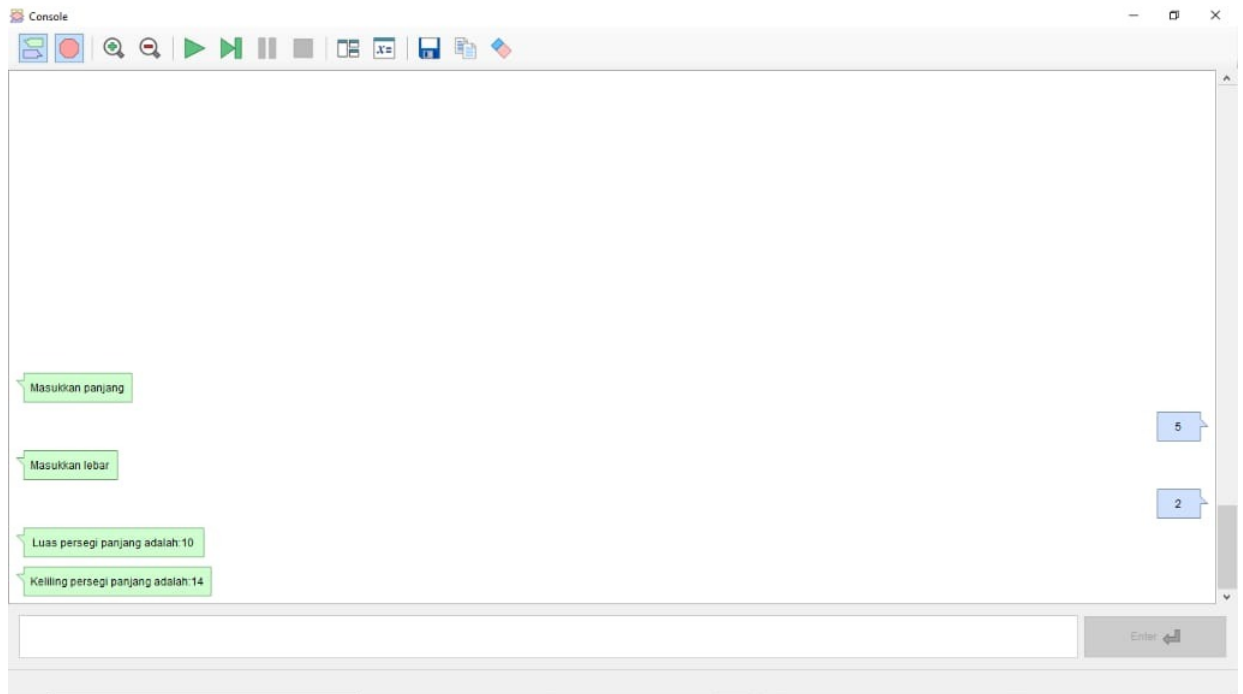
Nama : Sulastri
Nim : 20.01.013.015
Mk : Kecerdasan Buatan
Kelas : Teknik Informatika B

TUGAS

1. Hasil di flowgorithm

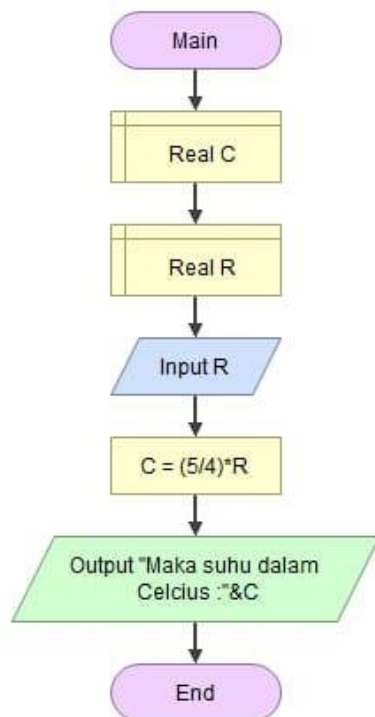


➤ **Keluaran**

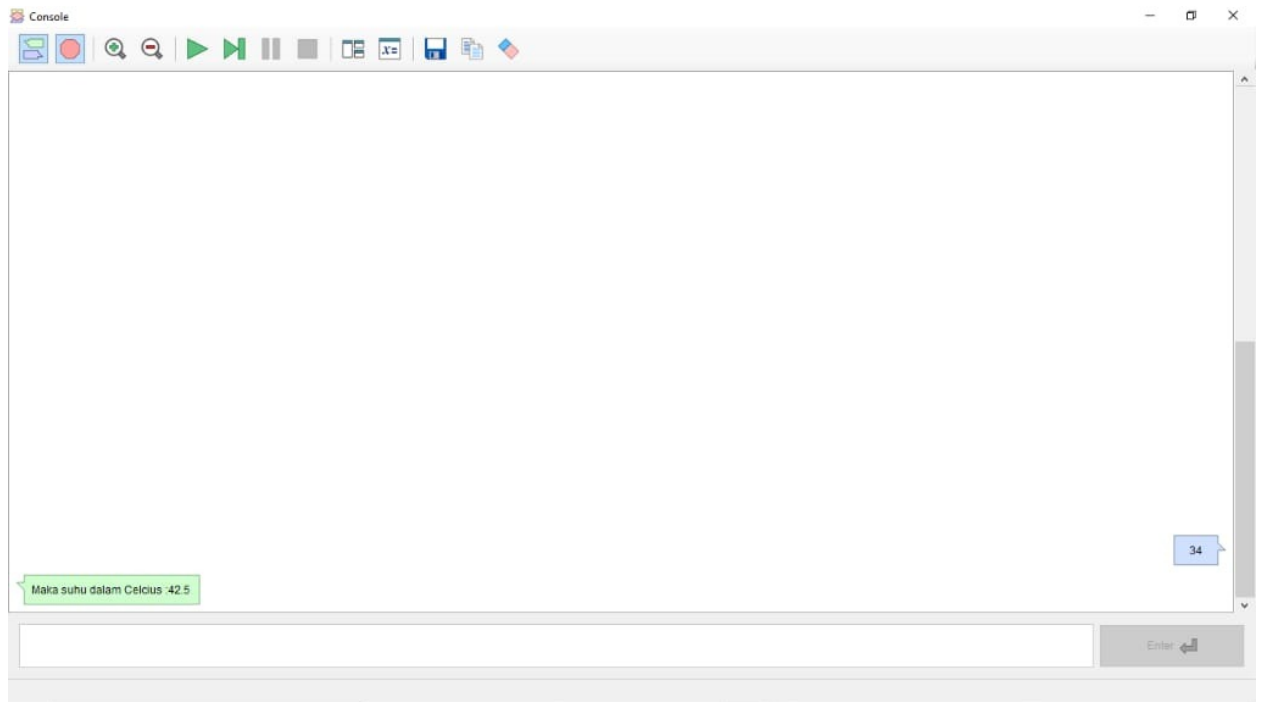


2. **Diagram Alir Konversi Suhu**

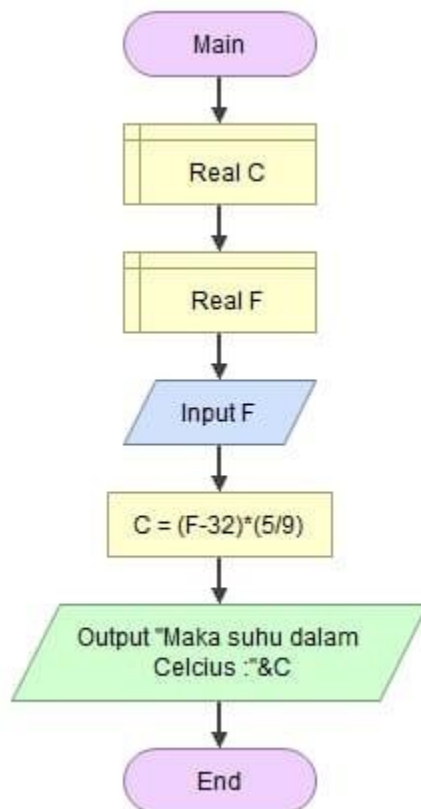
A. **REAMUR KE CELCIUS**



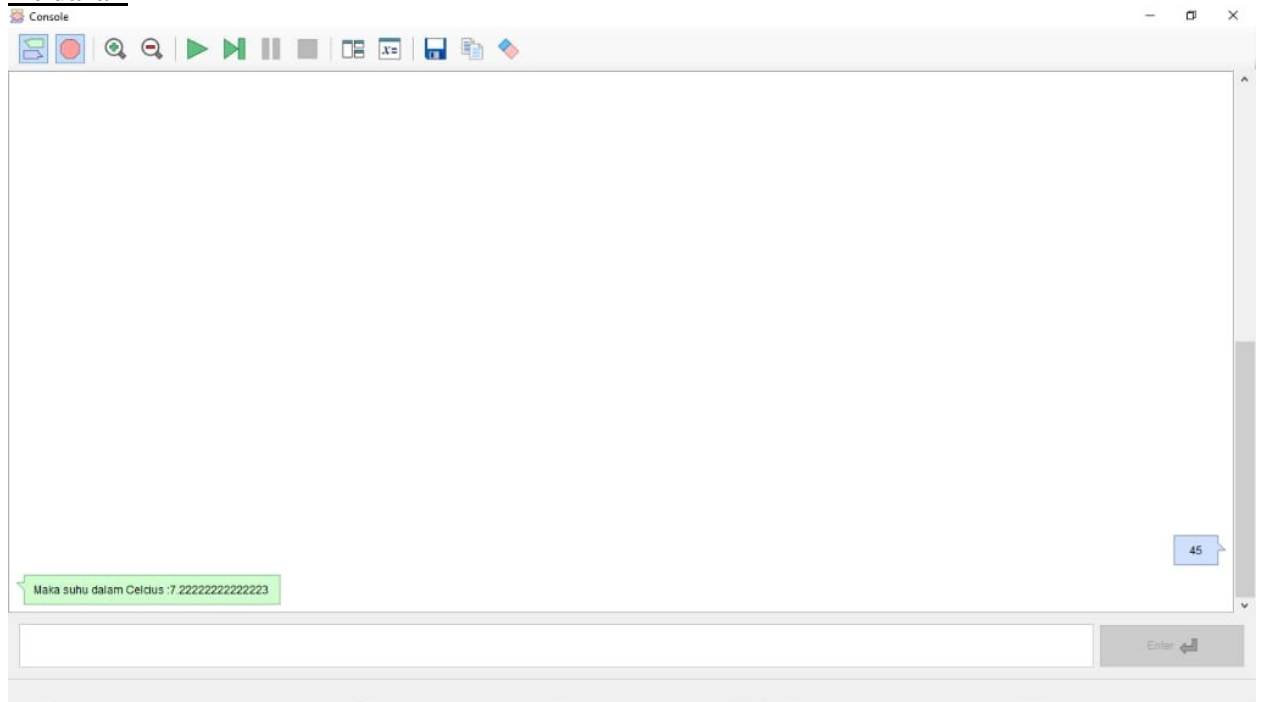
➤ **Keluaran**



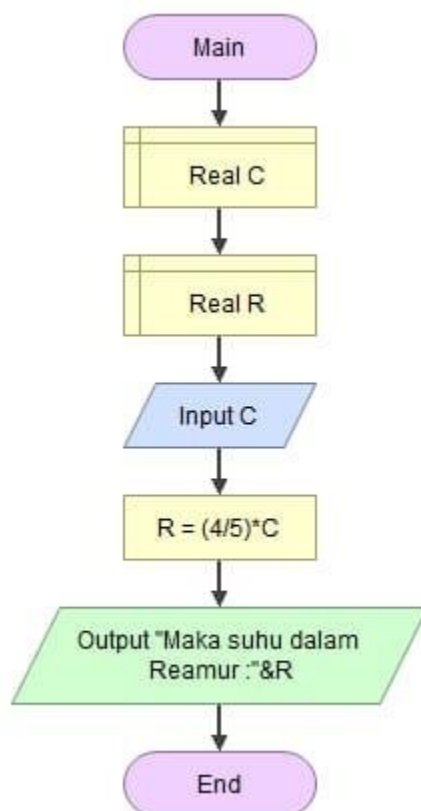
B. FAHRENHEIT KE CELCIUS



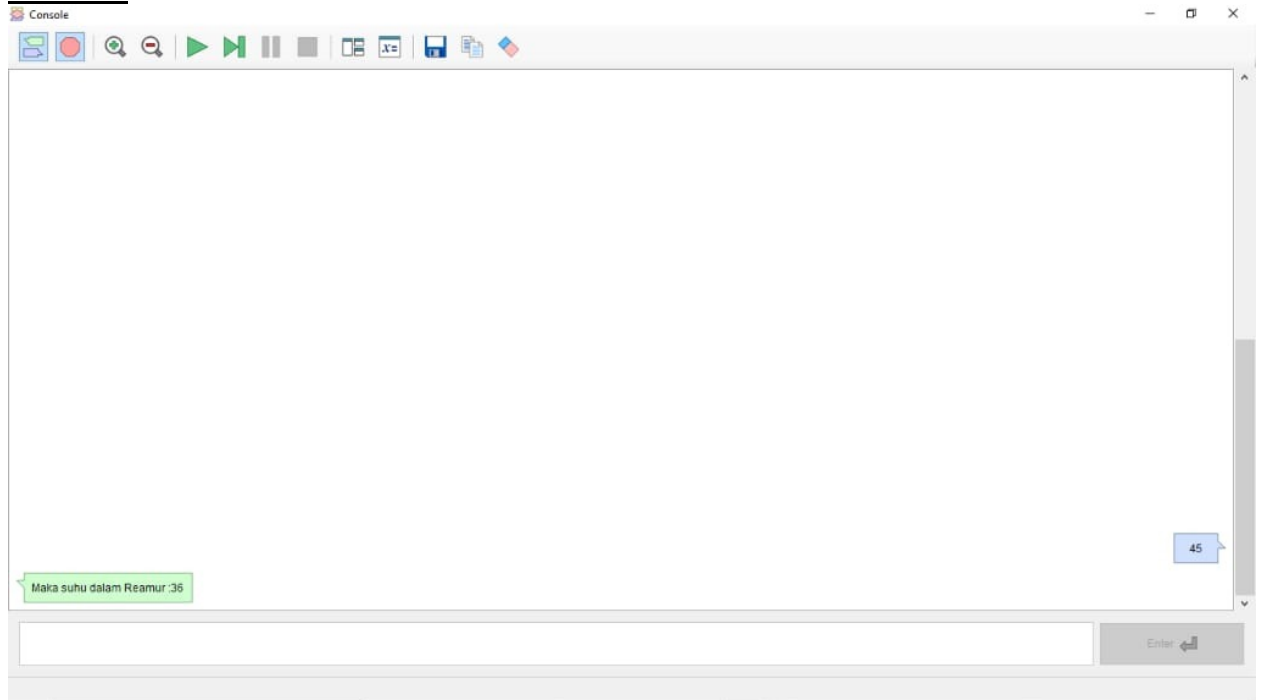
➤ **Keluaran**



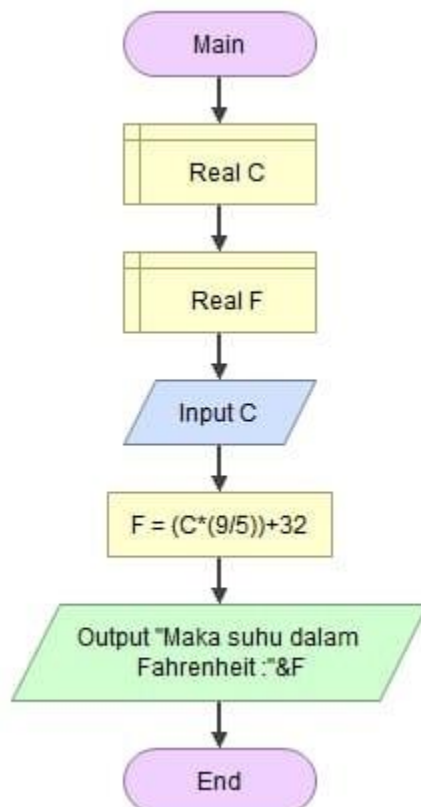
C. CELCIUS KE REAMUR



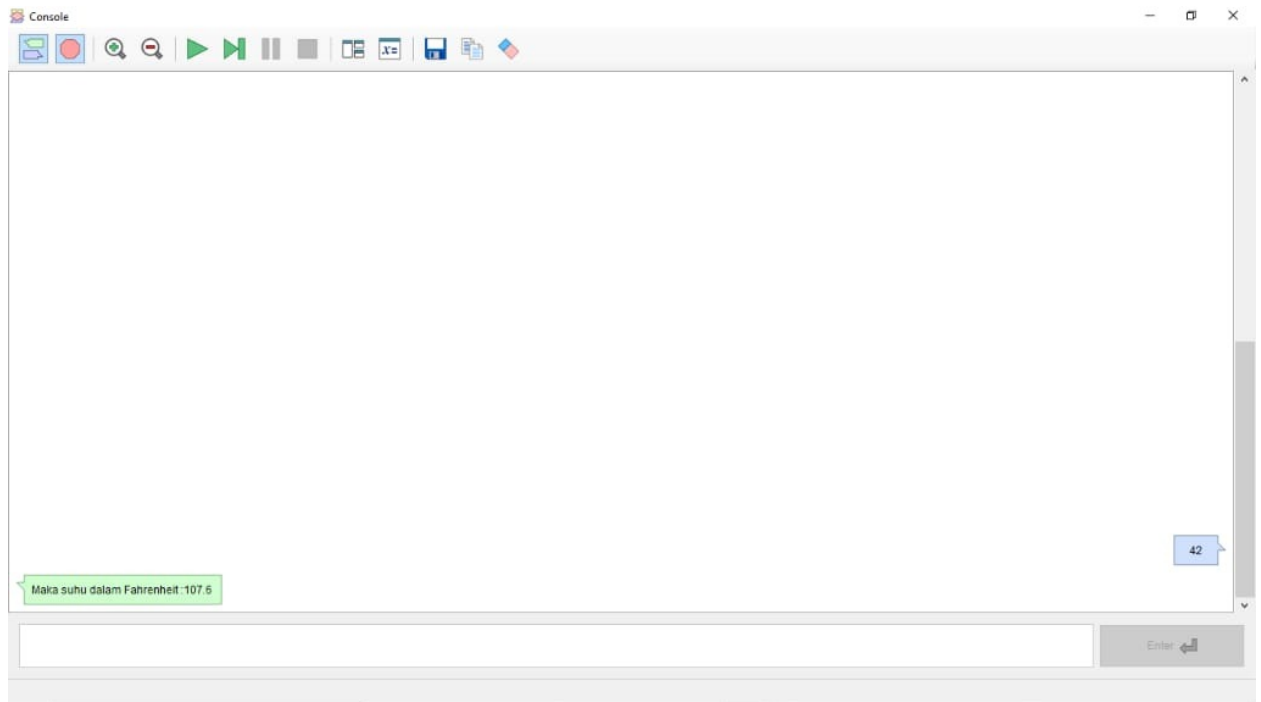
➤ **Keluaran**



D. CELCIUS KE FAHRENHEIT



➤ Keluaran

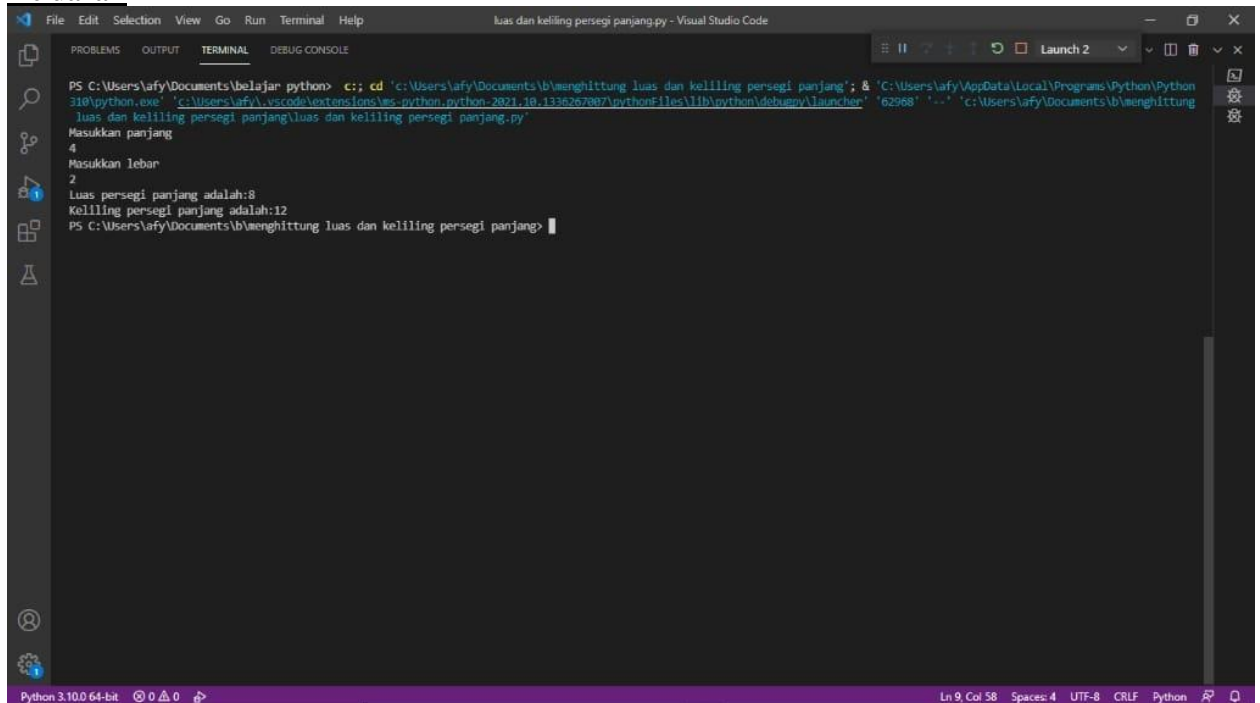


➤ HASIL DI VSCODE (.PY)

1. Menghitung Luas dan Keliling Lingkaran

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

➤ Keluaran



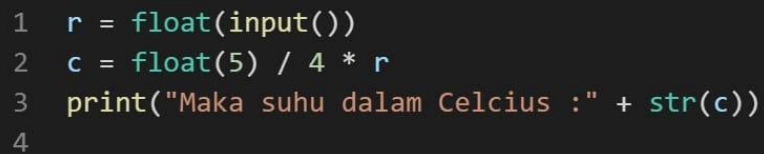
```
File Edit Selection View Go Run Terminal Help
luas dan keliling persegi panjang.py - Visual Studio Code

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

PS C:\Users\afy\Documents\belajar python> c: cd 'c:\Users\afy\Documents\b\menghitung luas dan keliling persegi panjang' & 'C:\Users\afy\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\afy\code\extensions\vs-python.python-2021.10.1336267007\pythonFiles\lib\python\debugpy\launcher' '62968' '-' 'c:\Users\afy\Documents\b\menghitung luas dan keliling persegi panjang\luas dan keliling persegi panjang.py'
Masukkan panjang
4
Masukkan lebar
2
Luas persegi panjang adalah:8
Keliling persegi panjang adalah:12
PS C:\Users\afy\Documents\b\menghitung luas dan keliling persegi panjang> |
```

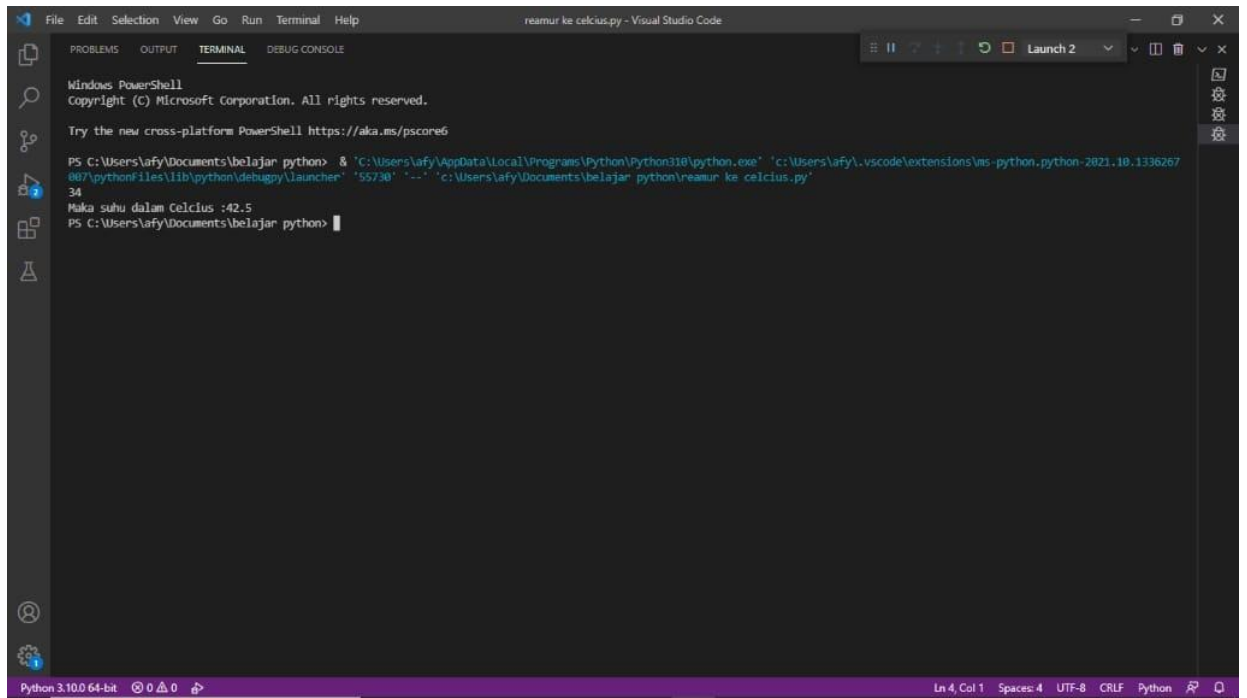
2. KONVERSI SUHU

A. Reamur ke celcius



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

➤ Keluaran



```
File Edit Selection View Go Run Terminal Help
reamur ke celcius.py - Visual Studio Code

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

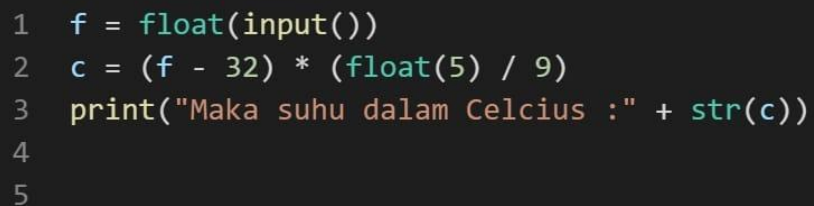
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\lafy\Documents\belajar python> & 'C:\Users\lafy\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lafy\.vscode\extensions\ms-python.python-2021.10.1336267\pythonfiles\lib\python\debuggy\launcher' '55730' '-' 'c:\Users\lafy\Documents\belajar python\reamur ke celcius.py'
34
Maka suhu dalam Celcius :42.5
PS C:\Users\lafy\Documents\belajar python>

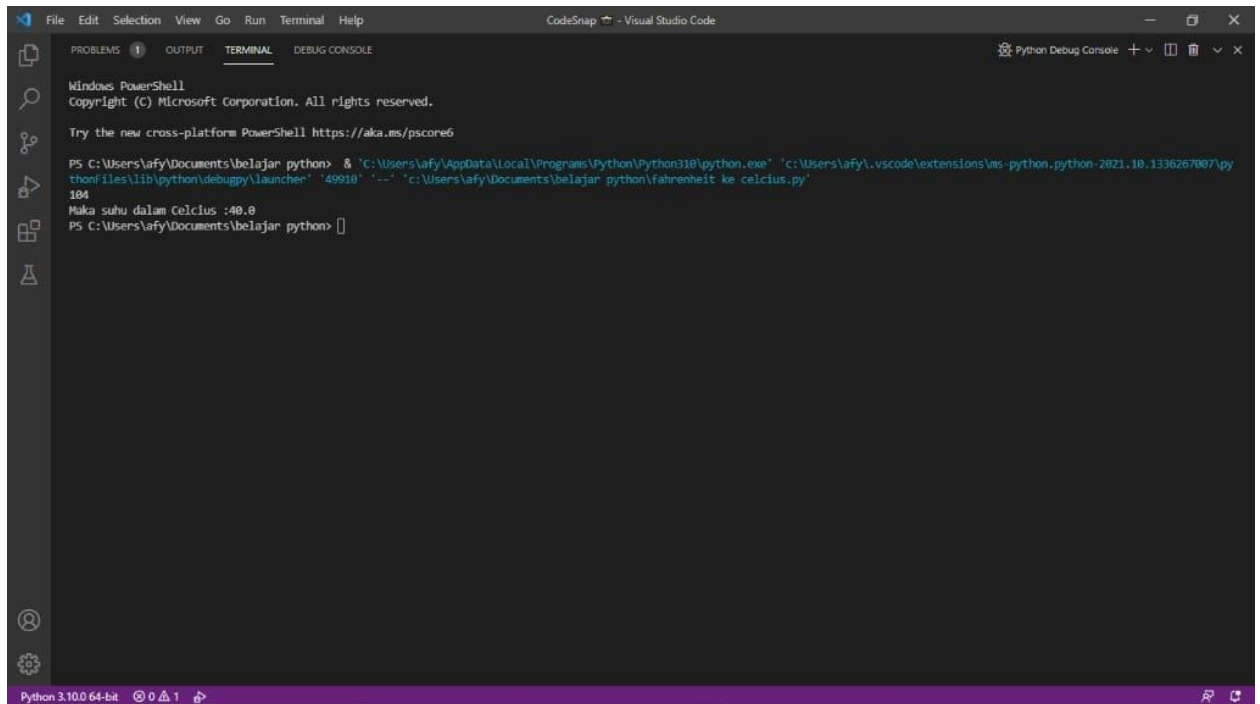
Python 3.10.0 64-bit 0 0 0
Ln 4, Col 1 Spaces: 4 UTF-8 CRLF Python
```

B. Fahrenheit ke celcius



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


➤ Keluaran

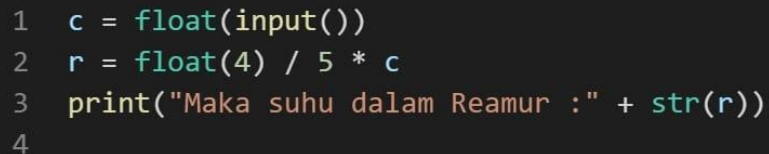


```
File Edit Selection View Go Run Terminal Help CodeSnap - Visual Studio Code
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

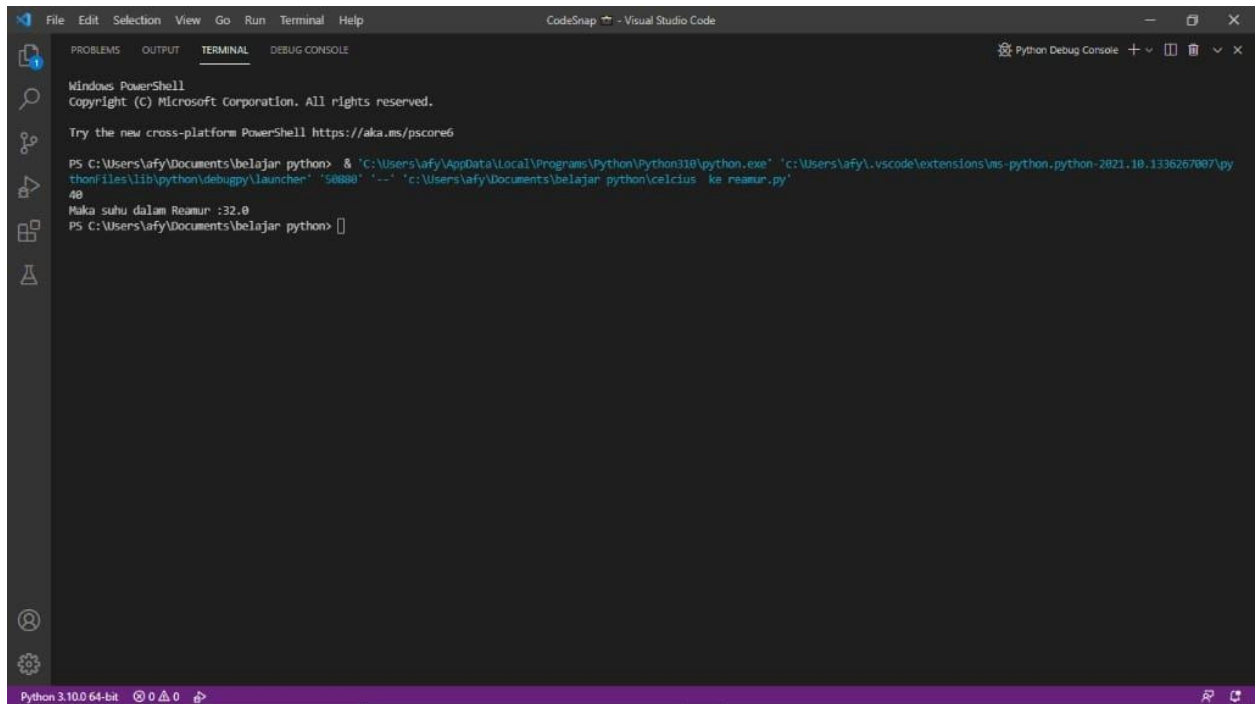
PS C:\Users\lafy\Documents\belajar_python> & 'C:\Users\lafy\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lafy\.vscode\extensions\ms-python.python-2021.10.1336267007\pythonFiles\lib\python\debugpy\launcher' '49910' '--' 'c:\Users\lafy\Documents\belajar_python\ahrenheit ke celcius.py'
104
Maka suhu dalam Celcius :40.0
PS C:\Users\lafy\Documents\belajar_python> []
```

C. Celcius ke Reamur



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

➤ Keluaran



```
File Edit Selection View Go Run Terminal Help CodeSnap - Visual Studio Code
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python Debug Console + - [ ] [x]
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

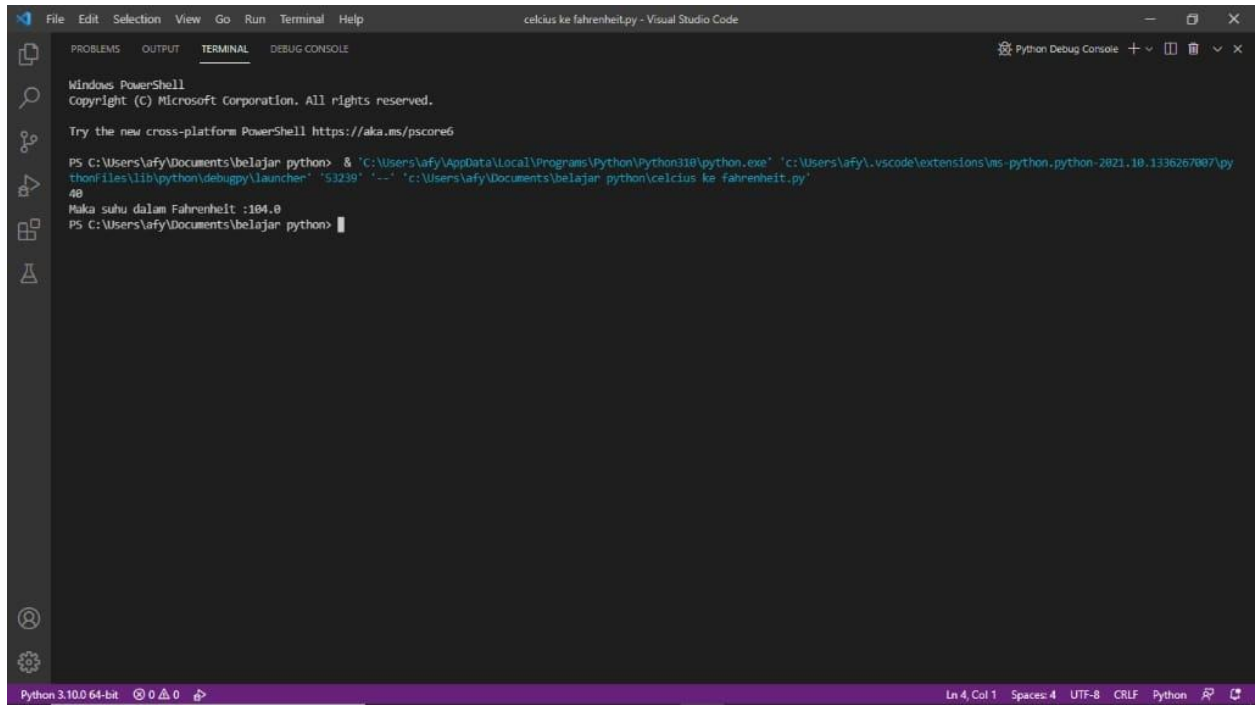
PS C:\Users\lafy\Documents\belajar python> & 'C:\Users\lafy\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\lafy\.vscode\extensions\ms-python.python-2021.10.1336267007\pythonfiles\lib\python\debugpy\launcher' '50880' '-' 'c:\Users\lafy\Documents\belajar python\celcius ke reamur.py'
40
Maka suhu dalam Reamur :32.0
PS C:\Users\lafy\Documents\belajar python> []
```

D. Celcius ke Farhenheit



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

➤ Keluaran



The screenshot shows a Visual Studio Code window with a terminal open. The terminal is running a Windows PowerShell session. The output shows the execution of a Python script named 'celcius ke fahrenheit.py' which takes the input '53239' and outputs 'Maka suhu dalam Fahrenheit :184.9'. The status bar at the bottom indicates the Python 3.10.0 64-bit environment is active.

```
File Edit Selection View Go Run Terminal Help celcius ke fahrenheit.py - Visual Studio Code

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE Python Debug Console + - [ ] [x] [v] [x]

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

PS C:\Users\afy\Documents\belajar python> & 'C:\Users\afy\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\afy\.vscode\extensions\ms-python.python-2021.10.1336267007\pythonFiles\lib\python\debugpy\launcher' '53239' '--' 'c:\Users\afy\Documents\belajar python\celcius ke fahrenheit.py'
49
Maka suhu dalam Fahrenheit :184.9
PS C:\Users\afy\Documents\belajar python> |
```

Python 3.10.0 64-bit 0 0 0 Ln 4, Col 1 Spaces: 4 UTF-8 CRLF Python