

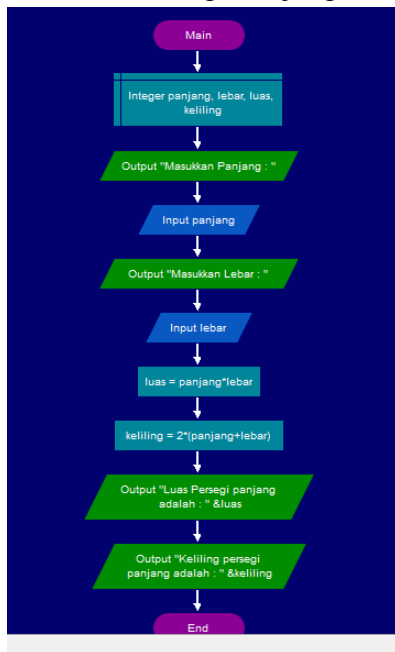
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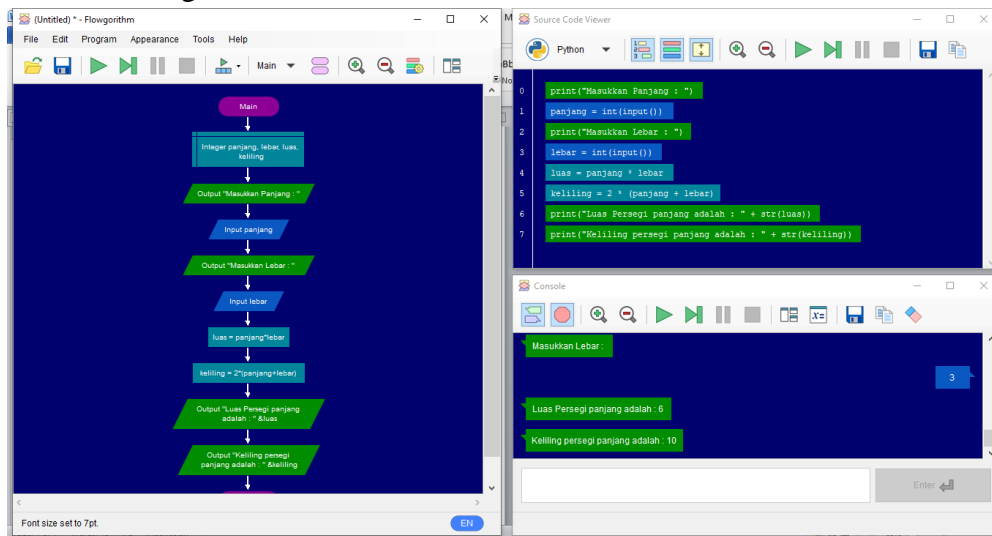
KELAS : AI-3B

## TUGAS REKOKNISI

### 1. Flowchart Pesegi Panjang



### Hasil di Flowgorithm



Setelah di konversikan ke Bahasa python

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

PROBLEMS OUTPUT **TERMINAL** DEBUG CONSOLE

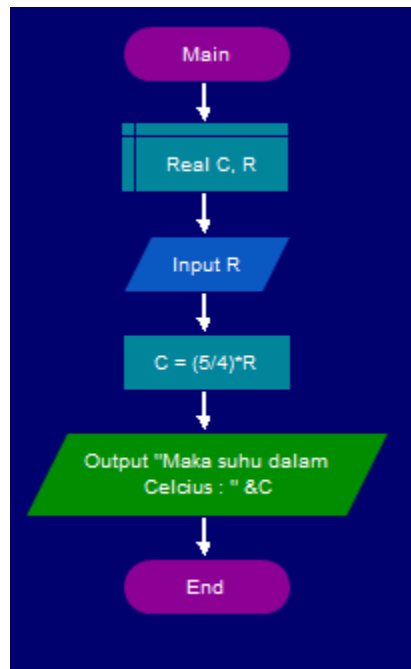
Windows PowerShell  
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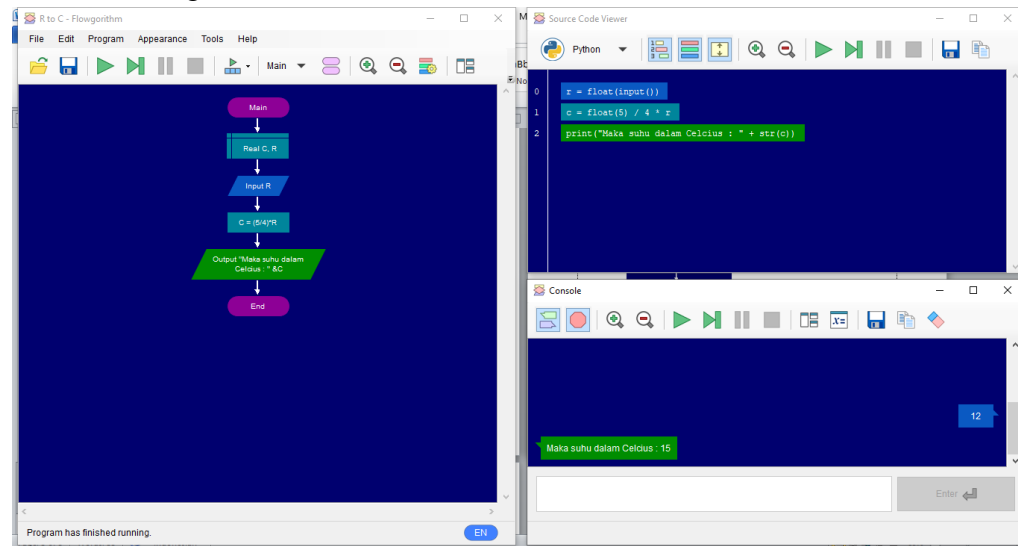
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/P  
Masukkan Panjang : 2  
Masukkan Lebar : 3  
Luas Persegi panjang adalah : 6  
Keliling persegi panjang adalah : 10  
PS C:\AI-Python Language> █

## 2. Flowchart Conversi Suhu

- Reumur ke Celcius



## Hasil di Flowgorithm



## Setelah di konversikan ke Python

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

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```
PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python39-64/Python.exe C:\AI-Python Language\main.py  
Masukkan besar Reumur : 12  
Maka suhu dalam Celcius : 15.0  
PS C:\AI-Python Language>
```

- ```

graph TD
    Main([Main]) --> RealC[Real C, F]
    RealC --> InputF[/Input F/]
    InputF --> Formula["C = (F-32)*(5/9)"]
    Formula --> Output[/Output "Make suhu dalam Celcius : " & C/]
    Output --> End([End])

```

The screenshot displays a Jupyter Notebook interface with two main panels. The top panel, titled 'Source Code Viewer', shows a Python script that takes a temperature in Fahrenheit as input, converts it to Celsius, and prints the result. The code is as follows:

```
f = float(input())
C = (f - 32) * (float(5) / 9)
print('Maka suhu dalam Celcius : ' + str(c))
```

The bottom panel, titled 'Console', shows the output of the program. The input '5' is entered, and the output is 'Maka suhu dalam Celcius : -15'. The console also shows a prompt 'Enter' with a cursor.

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

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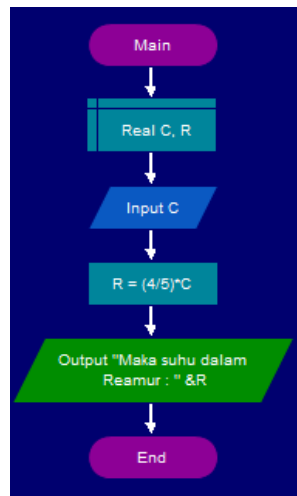
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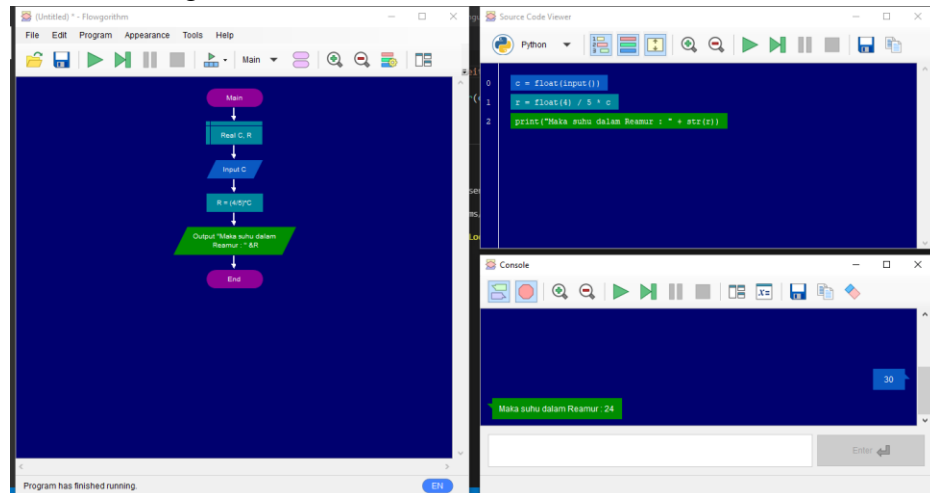
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```
PS C:\AI-Python Language> && C:/Users/ASUS/AppData/Local/Programs/Masukkan Besar Fehrenheit : 5
Maka suhu dalam Celcius : -15.0
PS C:\AI-Python Language>
```

- Celcius ke Reumur



Hasil di Flowgorithm



Setelah di konversikan ke Python

```

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

```

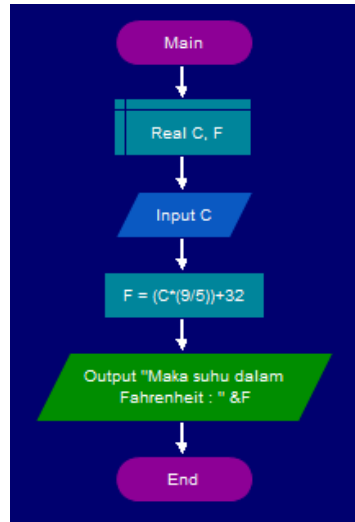
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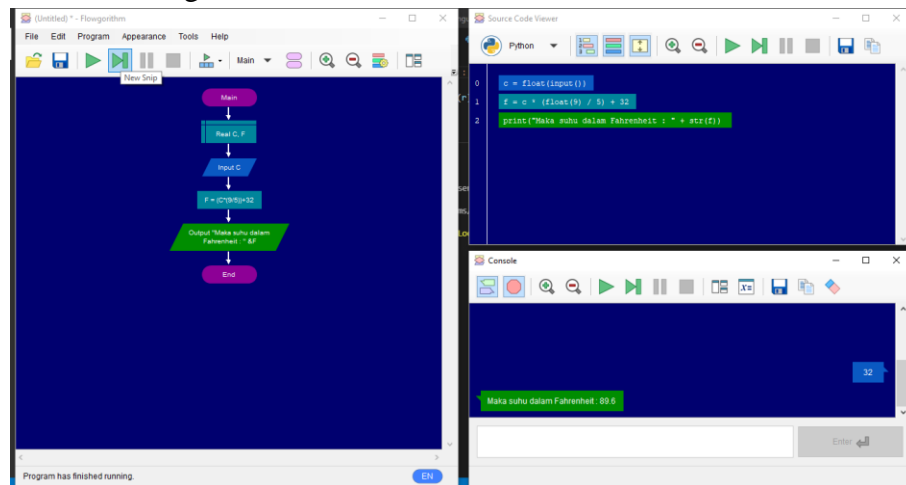
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PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python38-64/Python.exe C:/Users/ASUS/AppData/Local/Programs/Python/Python38-64/Scripts/python.exe  
Masukkan Besar Celcius : 30  
Maka suhu dalam Reumur : 24.0  
PS C:\AI-Python Language>

- Celcius ke Fehrenheit



Hasil di Flowgortihm



Setelah di konversikan ke Python

```

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

```

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

PS C:\AI-Python Language> & C:/Users/ASUS/AppData/Local/Programs/Python/Python38-64/Python.exe C:/Users/ASUS/AppData/Local/Programs/Python/Python38-64/Scripts/python.exe  
Masukkan Besar Celcius : 32  
Maka suhu dalam Fahrenheit : 89.6  
PS C:\AI-Python Language>