

NAMA : GUSLINA TRI SANTIKA
NIM : 20.01.013.049
KELAS : ARTIFICIAL INTELLIGENCE -3B

TUGAS INDIVIDU V

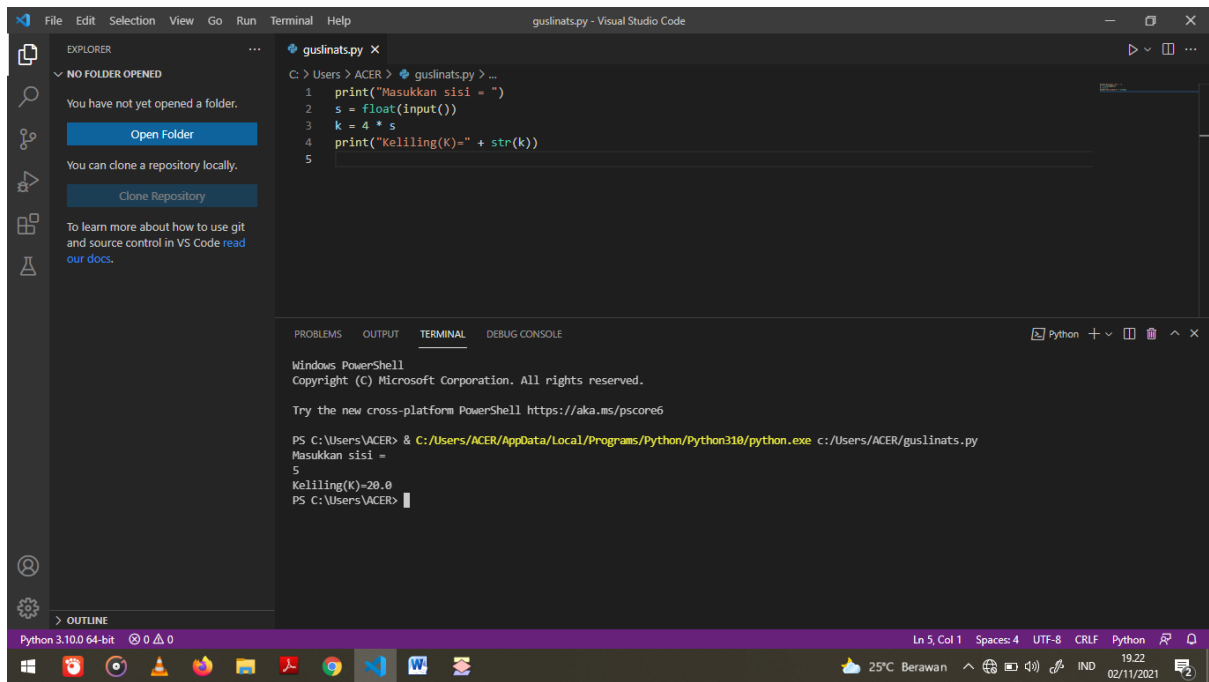
1. Buatlah flowchart dengan menggunakan flowgorithm berdasarkan Setiap rumus Luas dan Keliling Bangunan datar, Jalankan sesuai dengan inputan kalian sampai menemukan hasil.
2. Kemudian ketik ulang SC pada flowgorithm ke Vs- code, Jalankan sampai menemukan Hasil.

Jawaban :

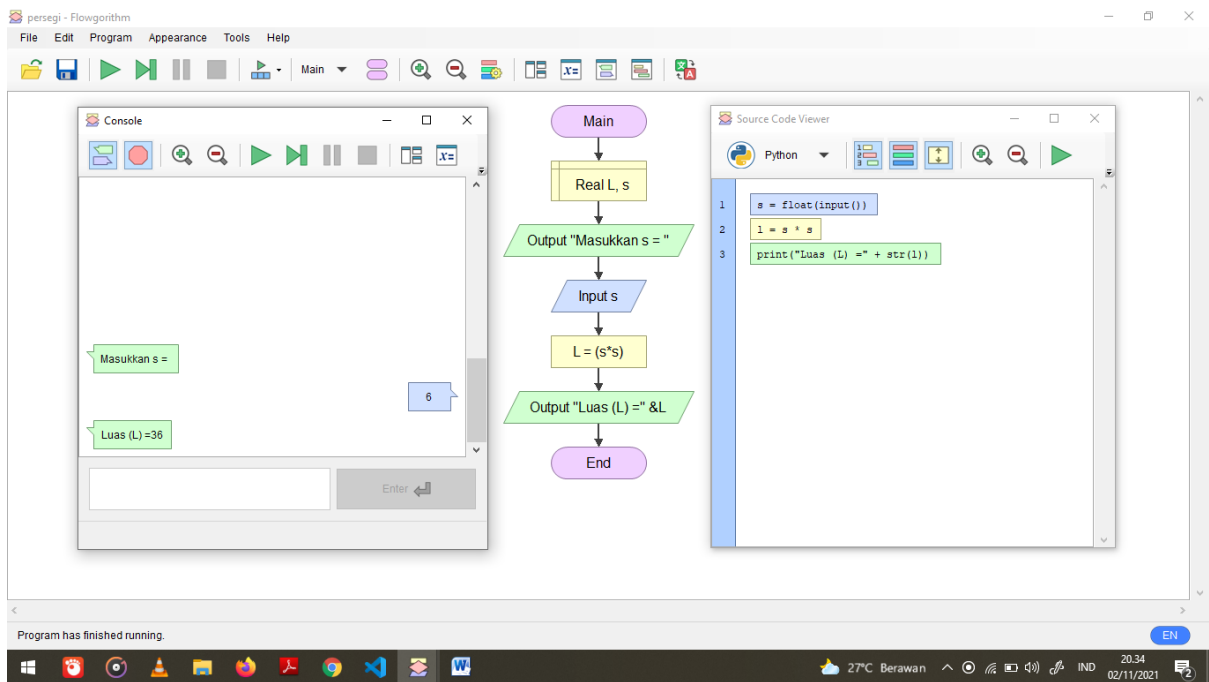
- **PERSEGI**
 - Keliling :

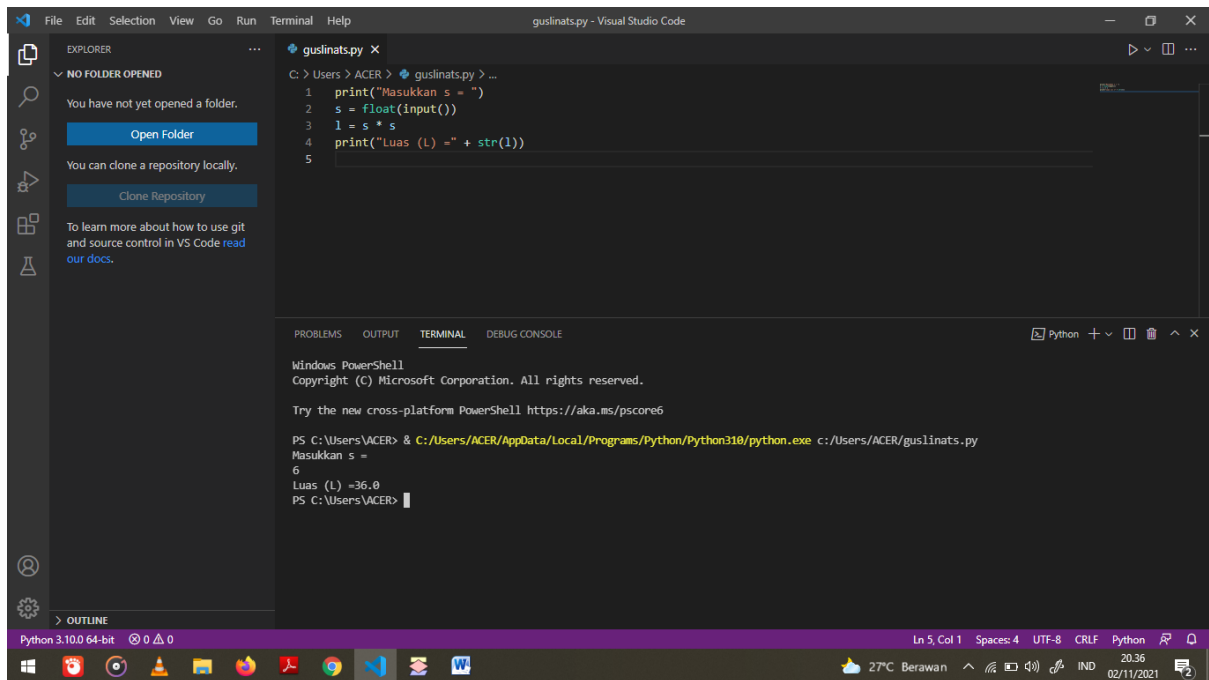
The screenshot displays two windows from a computer screen. The main window is 'keliling persegi - Flowgorithm', which contains a flowchart and a console. The flowchart starts with a 'Main' terminal, followed by a 'Real K, s' declaration, an 'Output "Masukkan sisi ="' message box, an 'Input s' input box, a process box 'K = 4 * s', an 'Output "Keliling(K)=%K' message box, and finally an 'End' terminal. The console on the left shows the execution: 'Masukkan sisi =' followed by the input '5', and then 'Keliling(K)=20'. A second window, 'Source Code Viewer', shows the equivalent Python code:

```
0 print("Masukkan sisi = ")
1 s = float(input())
2 k = 4 * s
3 print("Keliling(K)=%" + str(k))
```

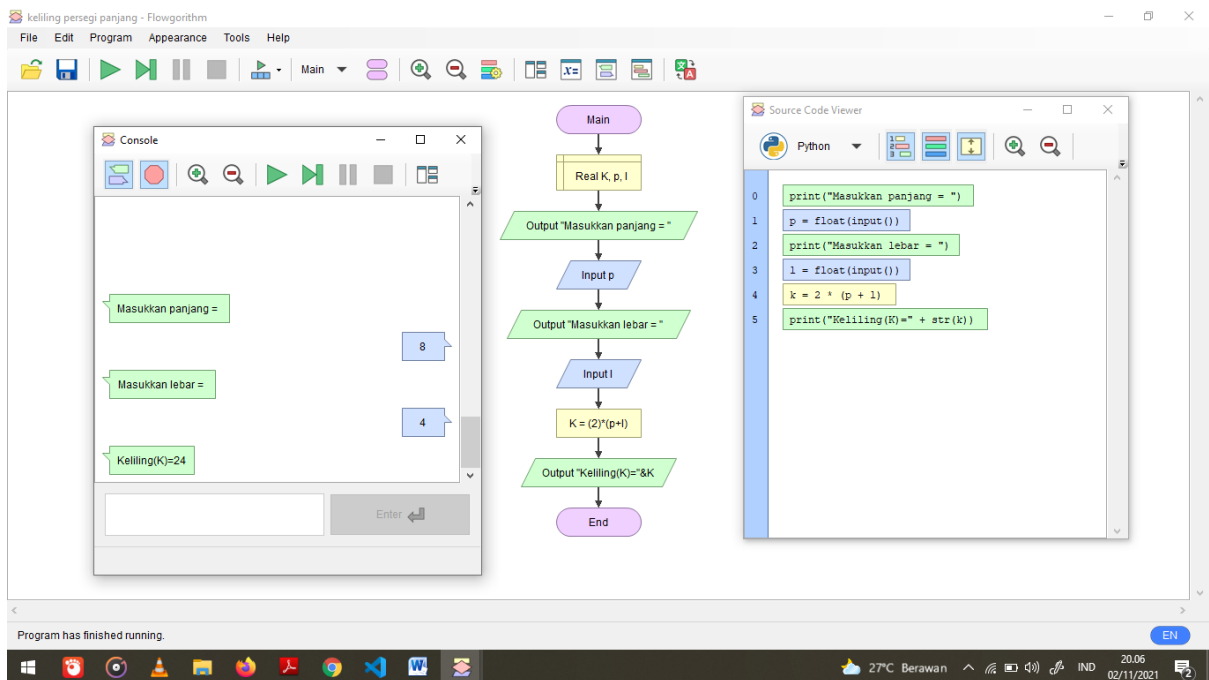


- Luas :





- **PERSEGI PANJANG**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following code:

```
1 print("Masukkan panjang = ")
2 p = float(input())
3 print("Masukkan lebar = ")
4 l = float(input())
5 k = 2 * (p + l)
6 print("Keliling(K)= " + str(k))
7
```

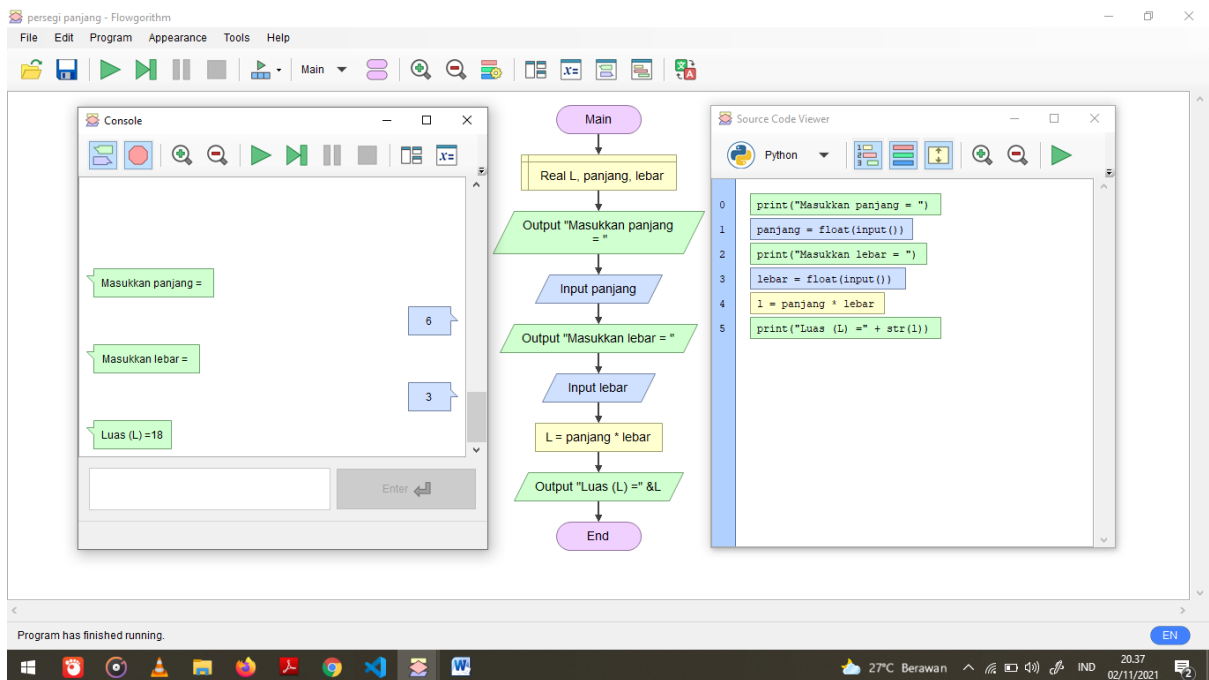
The TERMINAL pane at the bottom shows the command prompt output:

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan panjang =
8
Masukkan lebar =
4
Keliling(K)=24.0
PS C:\Users\ACER>
```

- Luas :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named `guslinats.py`. The main editor displays the following Python code:

```
1 print("Masukkan panjang = ")
2 panjang = float(input())
3 print("Masukkan lebar = ")
4 lebar = float(input())
5 l = panjang * lebar
6 print("Luas (L) =" + str(l))
7
```

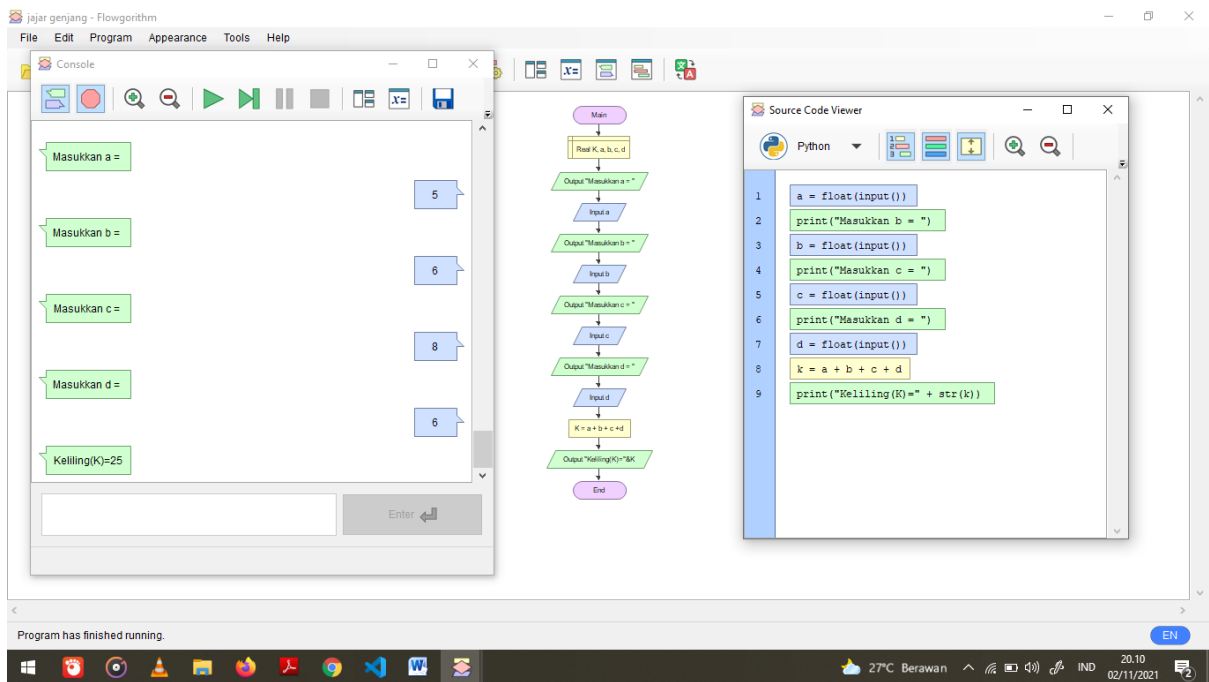
The TERMINAL pane at the bottom shows the command prompt output:

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan panjang =
6
Masukkan lebar =
3
Luas (L) =18.0
PS C:\Users\ACER>
```

- **JAJARGENJANG**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates no folder is open. The main editor displays the file `guslinats.py` with the following code:

```

1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan b = ")
4 b = float(input())
5 print("Masukkan c = ")
6 c = float(input())
7 print("Masukkan d = ")
8 d = float(input())
9 k = a + b + c + d
10 print("Keliling(K)= " + str(k))
11

```

The TERMINAL pane at the bottom shows the command prompt output:

```

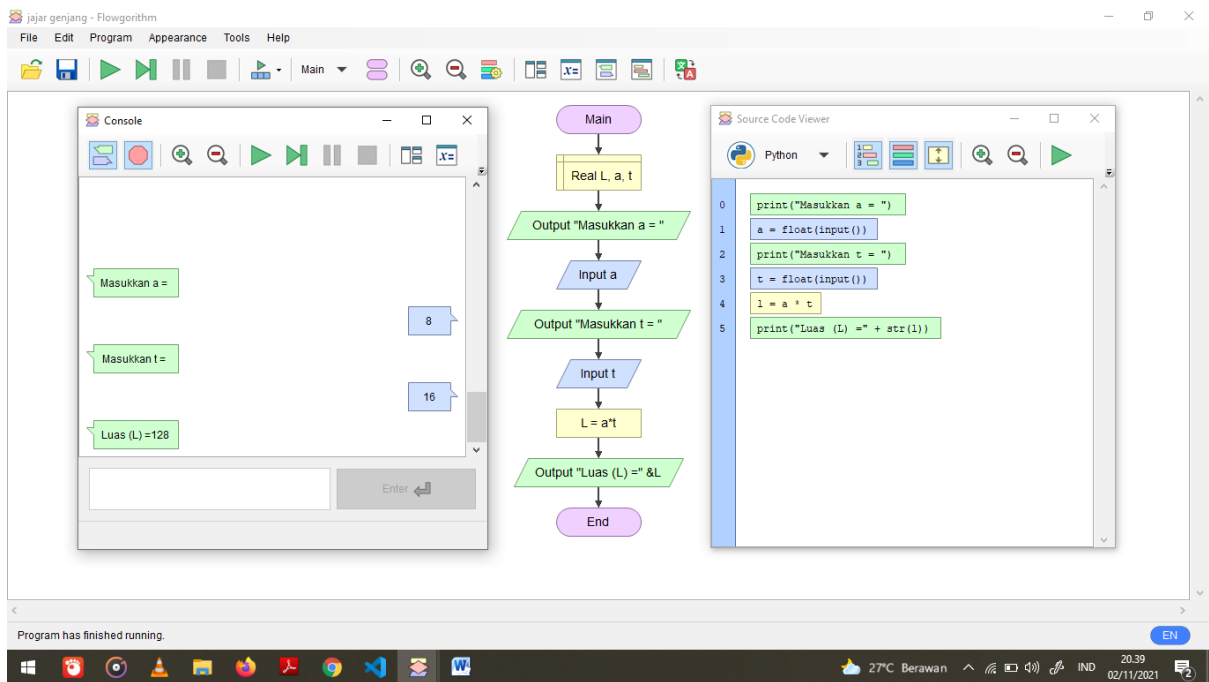
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
5
Masukkan b =
6
Masukkan c =
8
Masukkan d =
6
Keliling(K)=25.0
PS C:\Users\VACER>

```

- Luas :



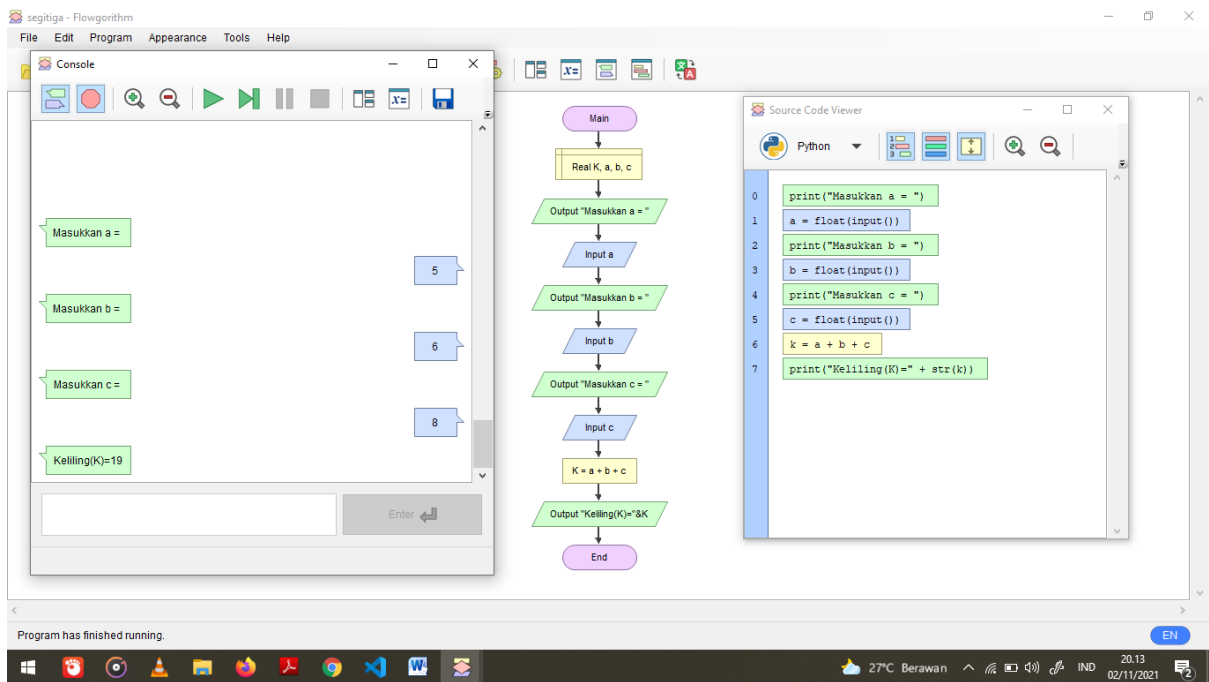
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following code:

```
1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan t = ")
4 t = float(input())
5 l = a * t
6 print("Luas (L) =" + str(l))
7
```

The TERMINAL panel at the bottom shows the command prompt execution:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
8
Masukkan t =
16
Luas (L) =128.0
PS C:\Users\ACER>
```

- **SEGITIGA**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following code:

```

1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan b = ")
4 b = float(input())
5 print("Masukkan c = ")
6 c = float(input())
7 k = a + b + c
8 print("Keliling(K)= " + str(k))
9

```

The TERMINAL panel at the bottom shows the command prompt output:

```

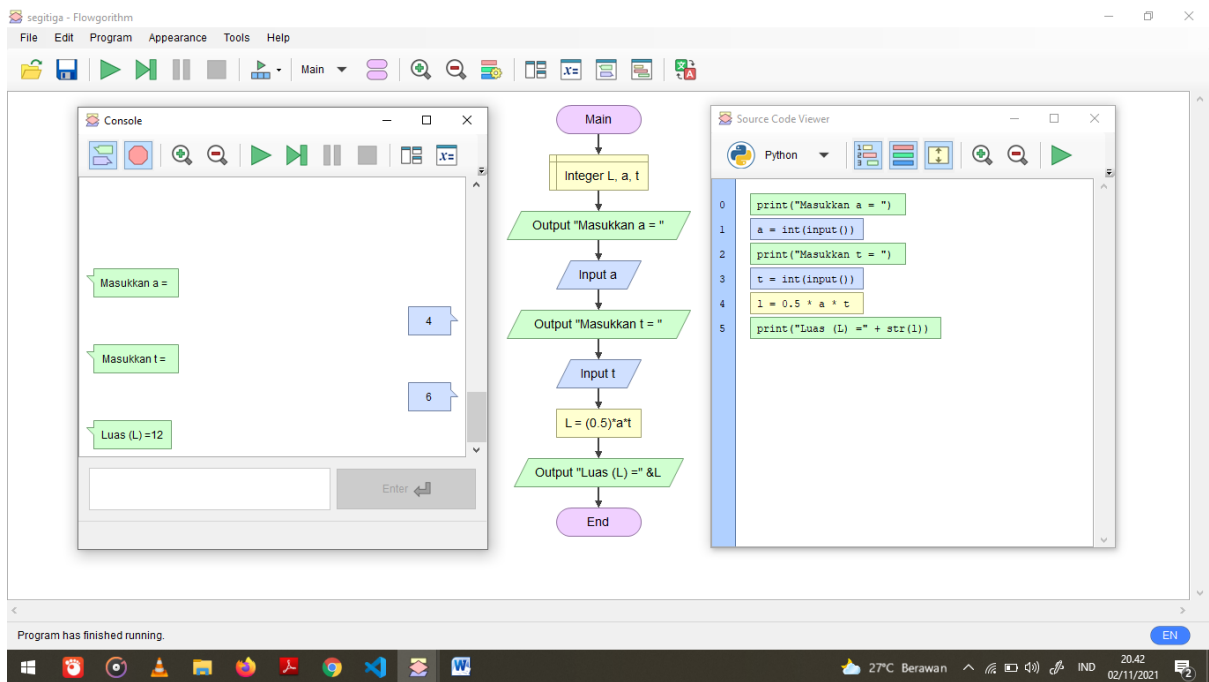
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
5
Masukkan b =
6
Masukkan c =
8
Keliling(K)=19.0
PS C:\Users\ACER>

```

- Luas :



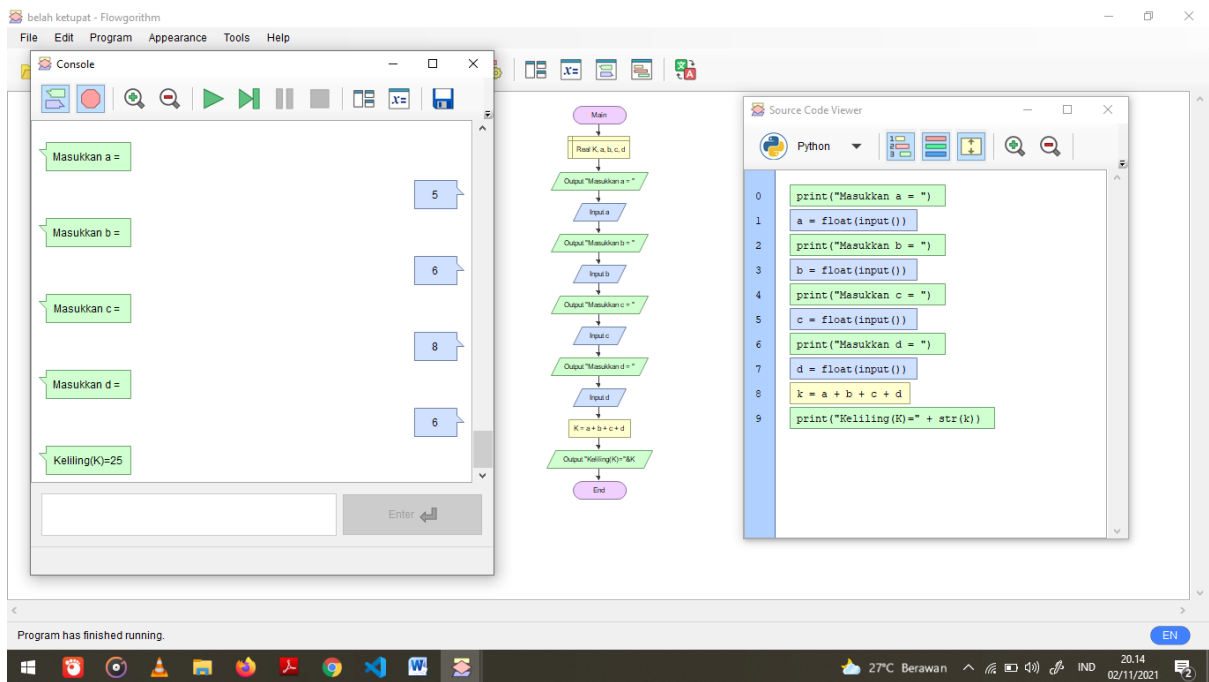
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following code:

```
1 print("Masukkan a = ")
2 a = int(input())
3 print("Masukkan t = ")
4 t = int(input())
5 l = 0.5 * a * t
6 print("Luas (L) =" + str(l))
7
```

The TERMINAL panel at the bottom shows the command prompt execution:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
4
Masukkan t =
6
Luas (L) =12.0
PS C:\Users\ACER>
```

- **BELAH KETUPAT**
 - Keliling :



```

File Edit Selection View Go Run Terminal Help
guslinats.py - Visual Studio Code

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

guslinats.py x
C:\Users\ACER> guslinats.py
1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan b = ")
4 b = float(input())
5 print("Masukkan c = ")
6 c = float(input())
7 print("Masukkan d = ")
8 d = float(input())
9 k = a + b + c + d
10 print("Keliling(K)= " + str(k))
11

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python Python + - - - - -

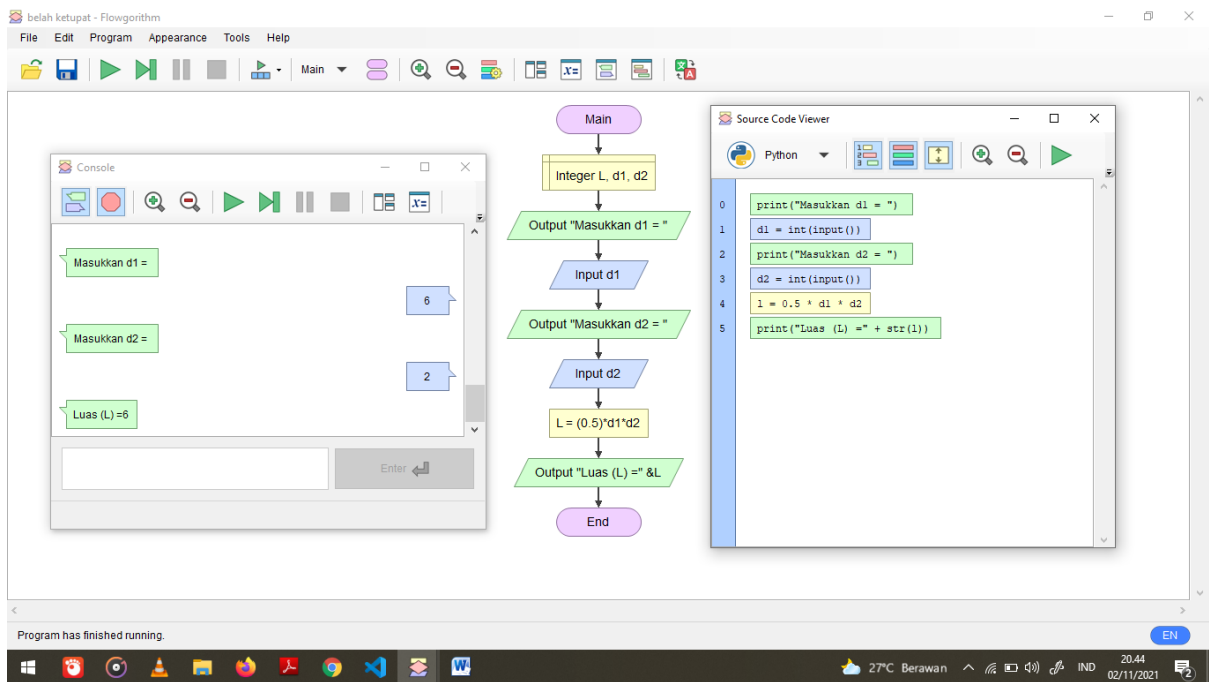
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
5
Masukkan b =
6
Masukkan c =
8
Masukkan d =
6
Keliling(K)=25.0
PS C:\Users\ACER>

```

- Luas :



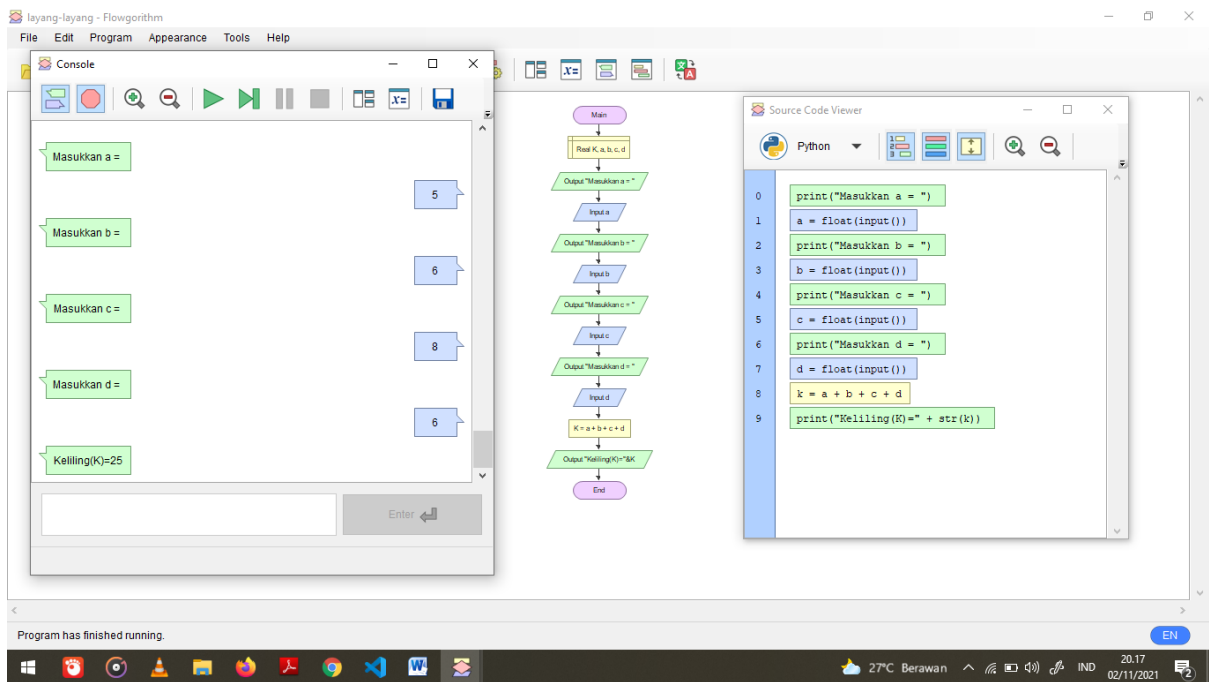
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named `guslinats.py`. The main editor displays the following Python code:

```
1 print("Masukkan d1 = ")
2 d1 = int(input())
3 print("Masukkan d2 = ")
4 d2 = int(input())
5 l = 0.5 * d1 * d2
6 print("Luas (L) =" + str(l))
7
```

The TERMINAL pane at the bottom shows the command prompt output:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan d1 =
6
Masukkan d2 =
2
Luas (L) =6.0
PS C:\Users\ACER>
```

- **LAYANG-LAYANG**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named `guslinats.py`. The main editor displays the following Python code:

```
1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan b = ")
4 b = float(input())
5 print("Masukkan c = ")
6 c = float(input())
7 print("Masukkan d = ")
8 d = float(input())
9 k = a + b + c + d
10 print("Keliling(K)= " + str(k))
11
```

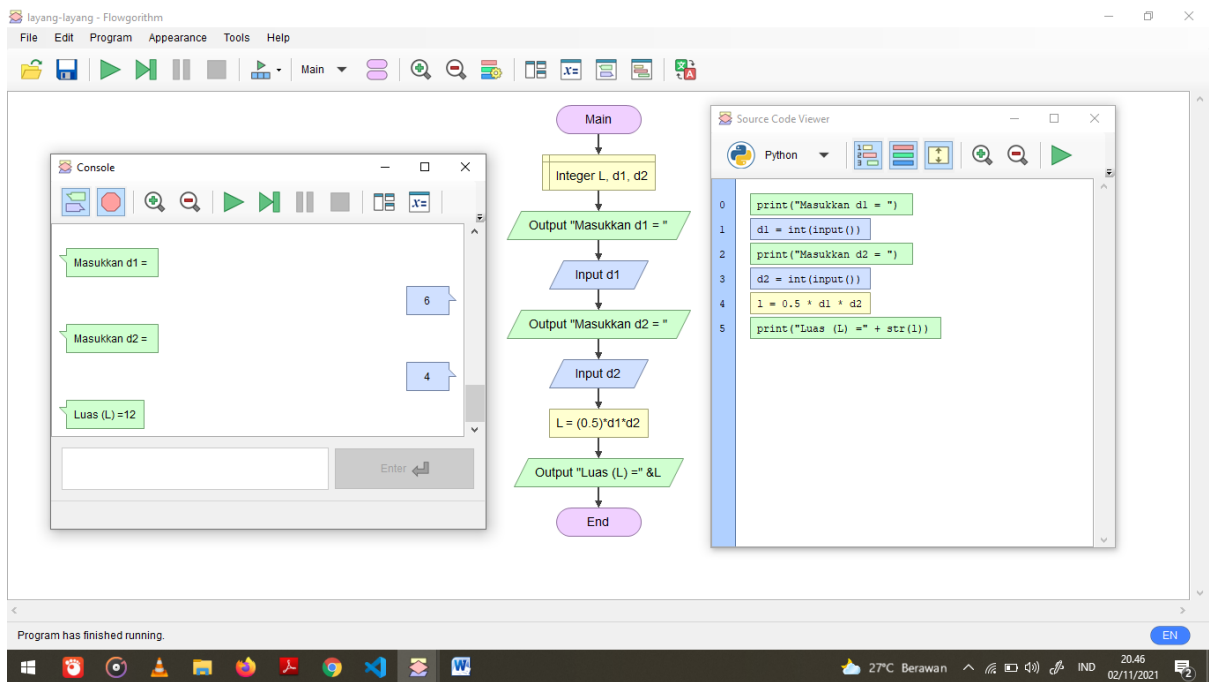
The TERMINAL pane at the bottom shows the command prompt output:

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a =
5
Masukkan b =
6
Masukkan c =
8
Masukkan d =
6
Keliling(K)=25.0
PS C:\Users\ACER>
```

- Luas :



```

File Edit Selection View Go Run Terminal Help
guslinats.py - Visual Studio Code

EXPLORER
NO FOLDER OPENED
You have not yet opened a folder.
Open Folder
You can clone a repository locally.
Clone Repository
To learn more about how to use git and source control in VS Code read our docs.

guslinats.py
C:\Users\ACER> guslinats.py ...
1 print("Masukkan d1 = ")
2 d1 = int(input())
3 print("Masukkan d2 = ")
4 d2 = int(input())
5 l = 0.5 * d1 * d2
6 print("Luas (L) =" + str(l))
7

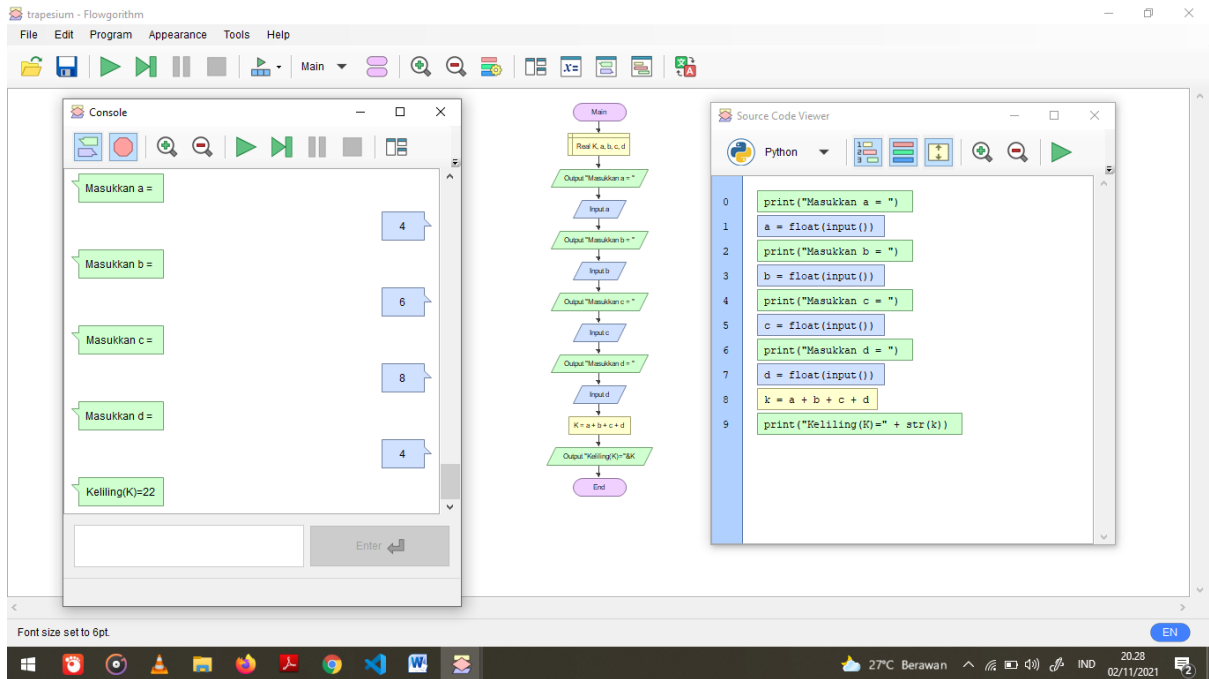
TERMINAL
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan d1 =
6
Masukkan d2 =
4
Luas (L) =12.0
PS C:\Users\ACER>

```

- **TRAPESIUM**
 - Keliling :



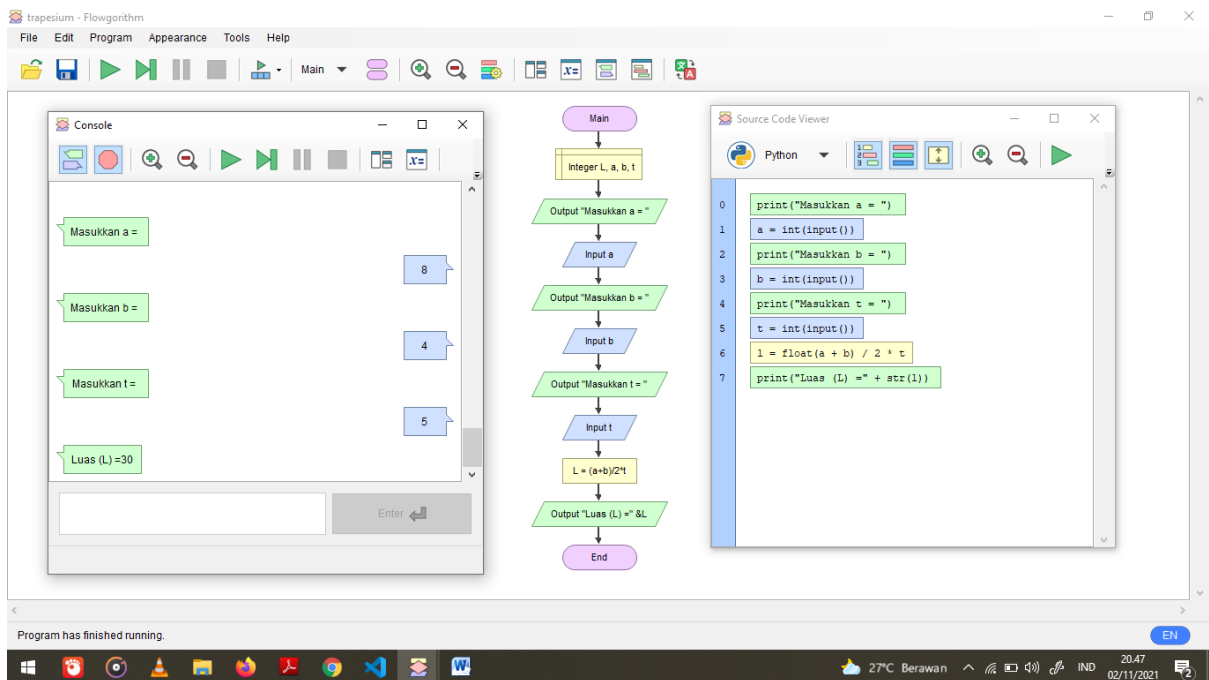
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following code:

```
1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan b = ")
4 b = float(input())
5 print("Masukkan c = ")
6 c = float(input())
7 print("Masukkan d = ")
8 d = float(input())
9 k = a + b + c + d
10 print("Keliling(K)= " + str(k))
11
```

The TERMINAL pane at the bottom shows the command prompt execution:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan a = 5
Masukkan b = 6
Masukkan c = 8
Masukkan d = 6
Keliling(K)=25.0
PS C:\Users\ACER>
```

- Luas :

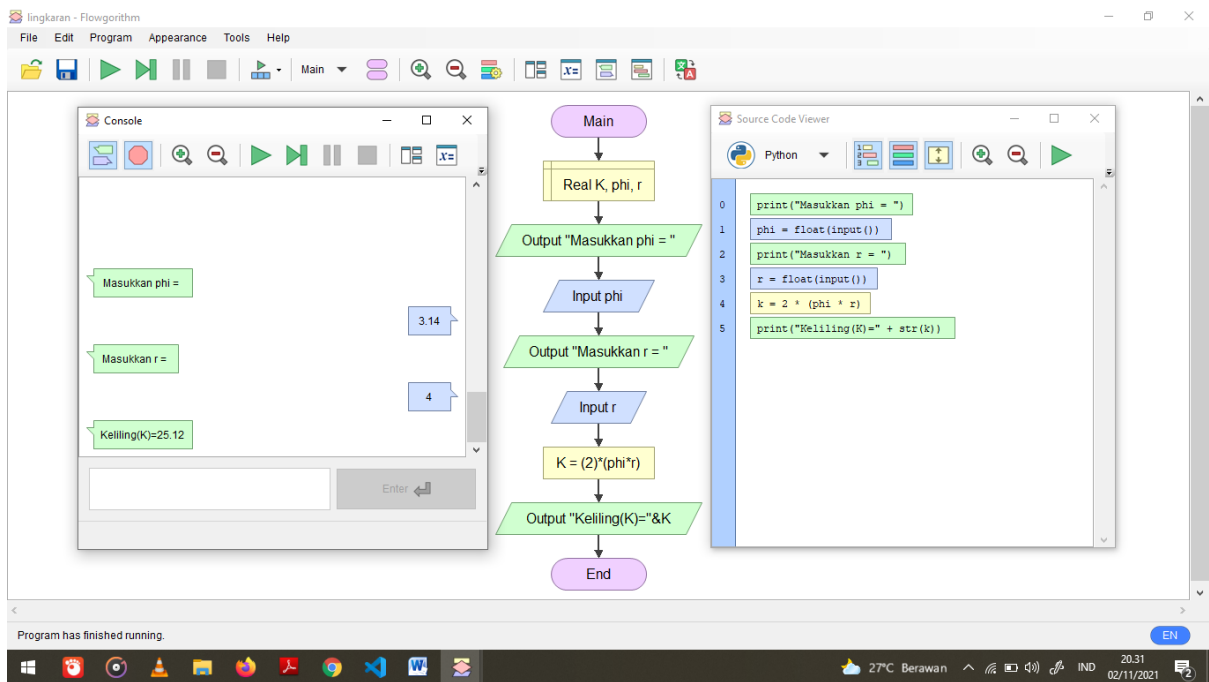


The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates no folder is open. The main editor displays the file `guslinats.py` with the following Python code:

```
1 print("Masukkan a = ")
2 a = int(input())
3 print("Masukkan b = ")
4 b = int(input())
5 print("Masukkan t = ")
6 t = int(input())
7 l = float(a + b) / 2 * t
8 print("Luas (L) =" + str(l))
9
```

The integrated terminal at the bottom shows a PowerShell session where the script is executed using `python.exe`. The output shows the program prompting for inputs `a=8`, `b=4`, and `t=5`, and then displaying the calculated area `Luas (L) =30.0`.

- **LINGKARAN**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates no folder is opened. The main editor displays the file `guslinats.py` with the following Python code:

```
1 print("Masukkan phi = ")
2 phi = float(input())
3 print("Masukkan r = ")
4 r = float(input())
5 k = 2 * (phi * r)
6 print("Keliling(K)= " + str(k))
7
```

The TERMINAL pane at the bottom shows the command prompt output for running the script:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/guslinats.py
Masukkan phi = 3.14
Masukkan r = 4
Keliling(K)=25.12
PS C:\Users\ACER>
```

- Luas :

