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Nim : 20.01.013.035

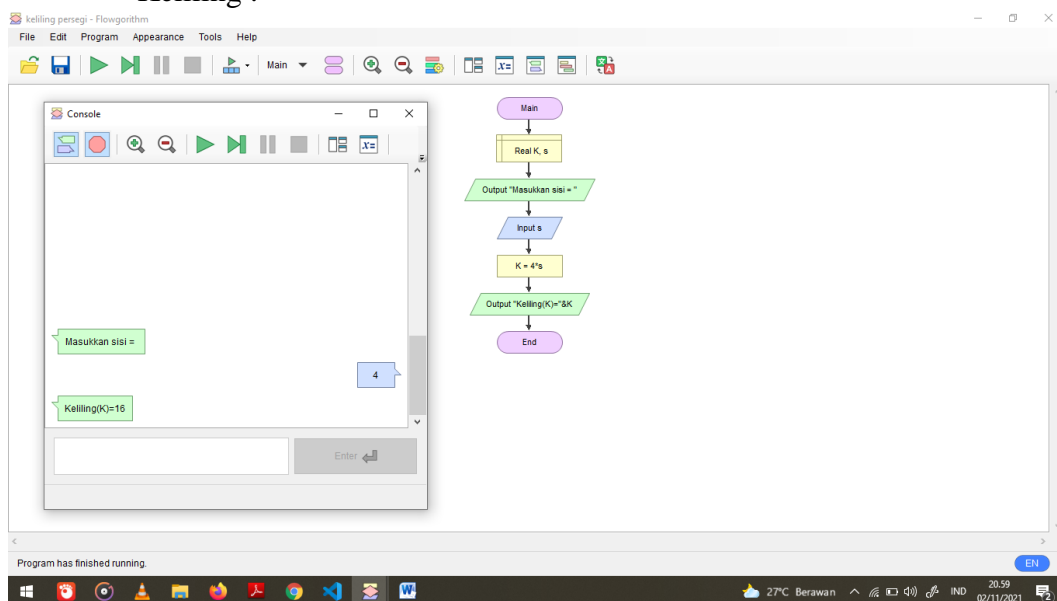
Kelas : AI B

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.

Jawabannya :

- **PERSEGI**
- Keliling :



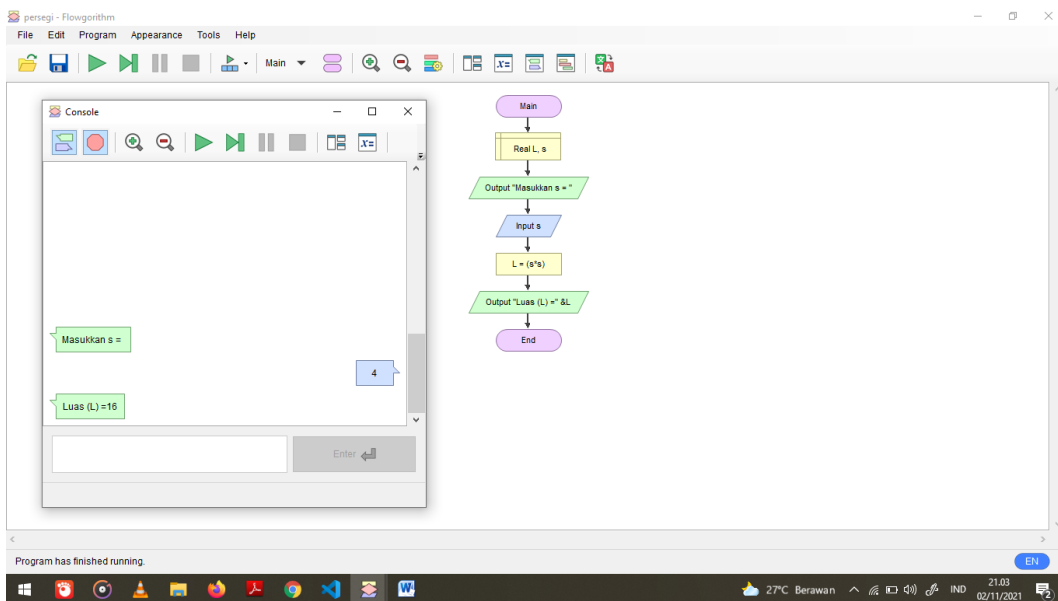
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named 'Untitled-1.py'. The main editor area contains the following Python code:

```
1 print("Masukkan sisi = ")
2 s = float(input())
3 k = 4 * s
4 print("Keliling(K)= " + str(k))
5
```

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

```
PS C:\Users\VACER> & 'C:\Users\VACER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\VACER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '64089' '-' 'c:\Users\VACER\Untitled-1.py'
Masukkan sisi =
4
Keliling(K)=16.0
PS C:\Users\VACER>
```

- Luas :



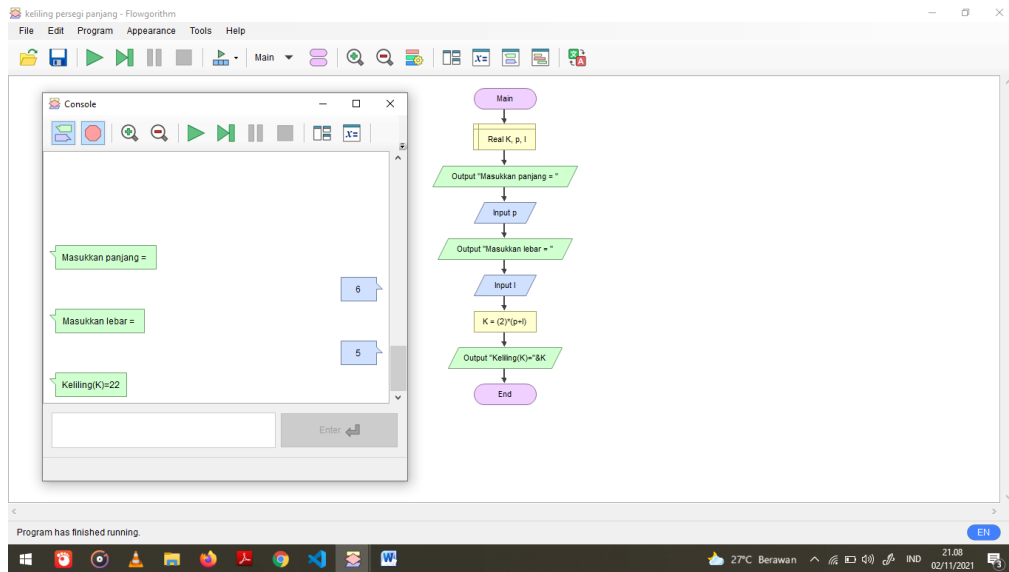
The image shows a Visual Studio Code editor with a Python file named 'Untitled-1.py'. The code is as follows:

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

The terminal window shows the command prompt running the script. It displays a traceback error: `ValueError: could not convert string to float: 'C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Untitled-1.py'`. The error message indicates that the command prompt is running the script as a command rather than executing it as a program.

- **PERSEGI PANJANG**

- Keliling :



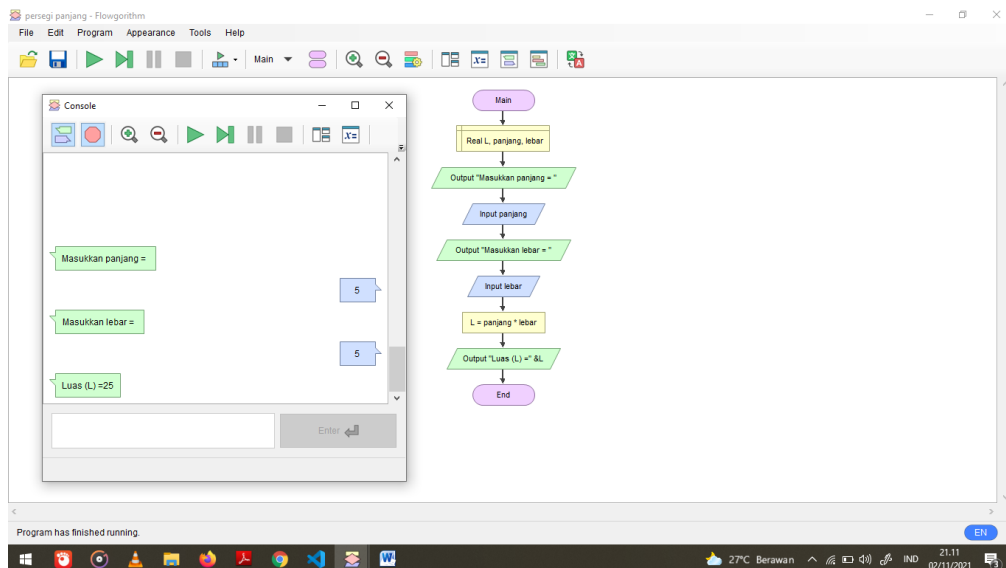
```
1 print("Masukkan panjang = ")
2 p = float(input())
3 print("Masukkan lebar = ")
4 l = float(input())
5 k = 2 * (p + l)
6 print("Keliling(K)= " + str(k))
7
```

Windows PowerShell
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PS C:\Users\VACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan panjang =
6
Masukkan lebar =
5
Keliling(K)=22.0
PS C:\Users\VACER>

- Luas :



The image shows a Visual Studio Code window with a Python file named 'Untitled-1.py'. The code is as follows:

```
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 window shows the execution of the script:

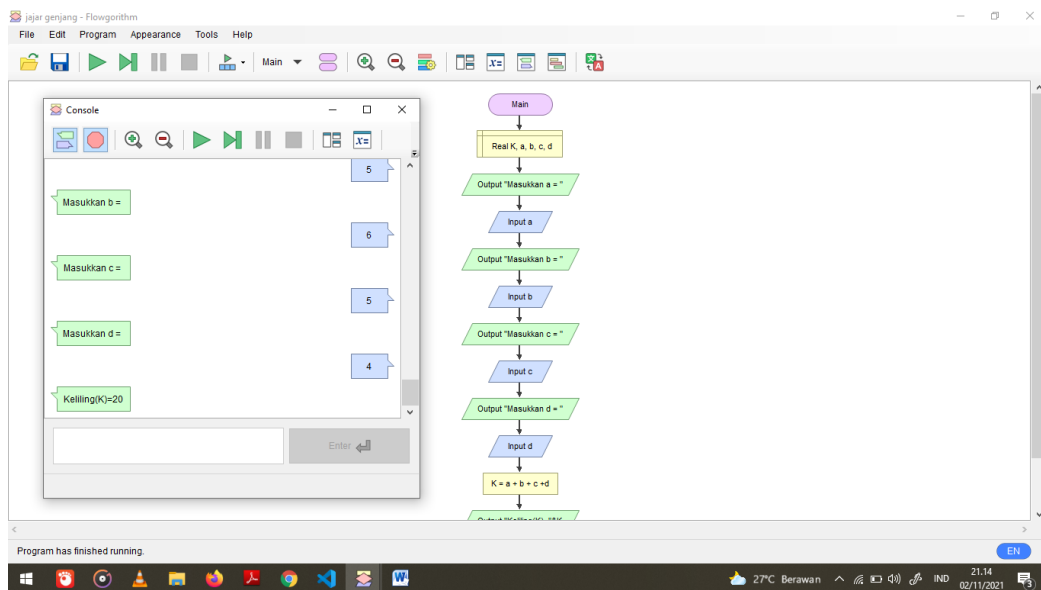
```
Windows PowerShell
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PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Untitled-1.py
Masukkan panjang = 5
Masukkan lebar = 5
Luas (L) =25.0
PS C:\Users\ACER>
```

- **JAJARGENJANG**

- Keliling :



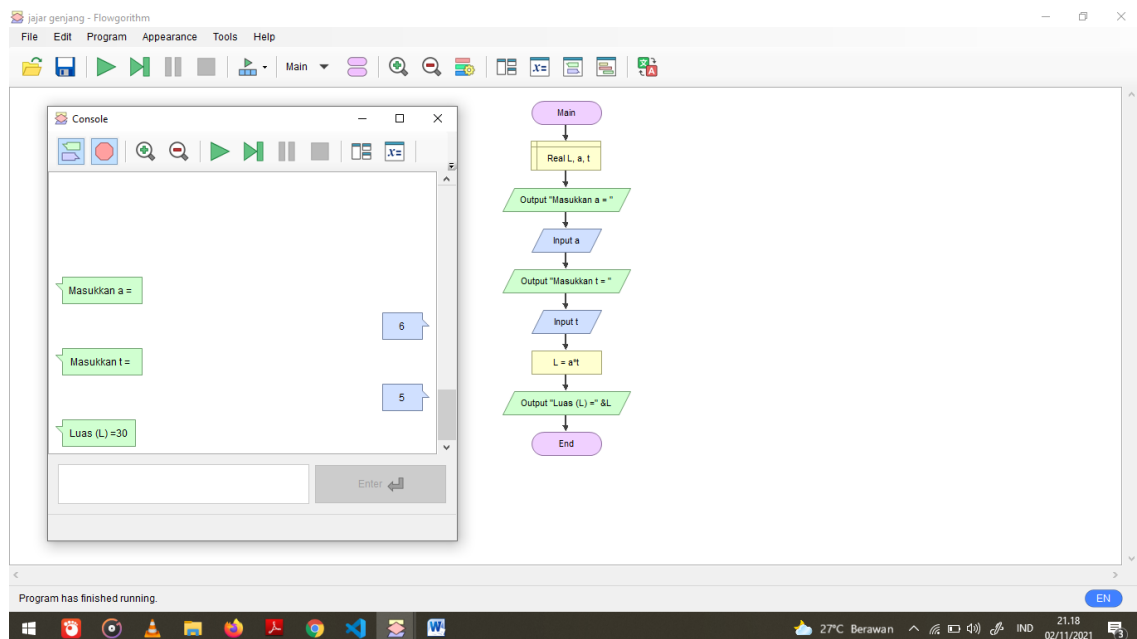
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named 'Untitled-1.py'. The main editor displays the following Python code:

```
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 execution of the script in a Windows PowerShell environment. The output is:

```
PS C:\Users\VACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan a =
5
Masukkan b =
6
Masukkan c =
5
Masukkan d =
4
Keliling(K)=20.0
PS C:\Users\VACER>
```

- Luas :



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.py' with the following code:

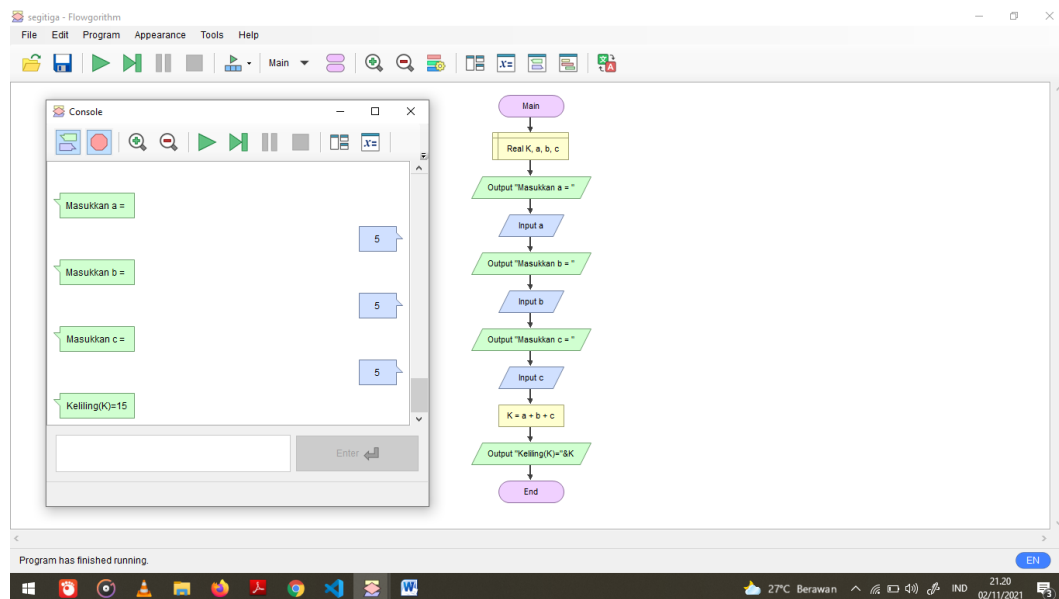
```
1 print("Masukkan a = ")
2 a = float(input())
3 print("Masukkan t = ")
4 t = float(input())
5 l = a * t
6 print("Luas (L) =" + str(l))
7
```

The TERMINAL panel at the bottom shows the execution of the script using Python 3.10.0. The output is:

```
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan a =
6
Masukkan t =
5
Luas (L) =30.0
PS C:\Users\ACER>
```

- **SEGITIGA**

- Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.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
```

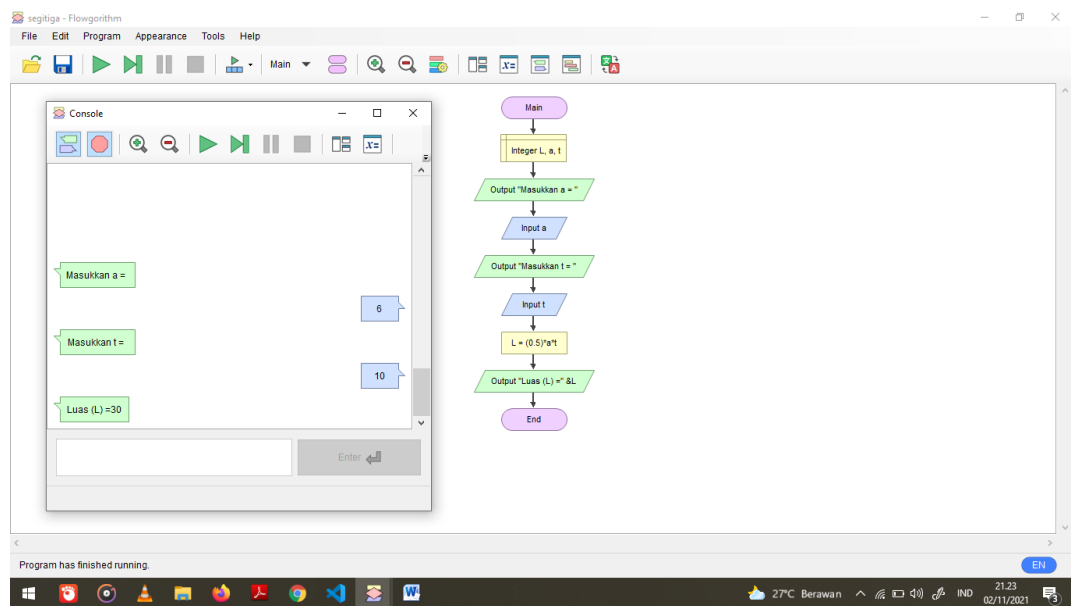
The TERMINAL pane at the bottom shows the execution of the script in a Windows PowerShell environment. The output is as follows:

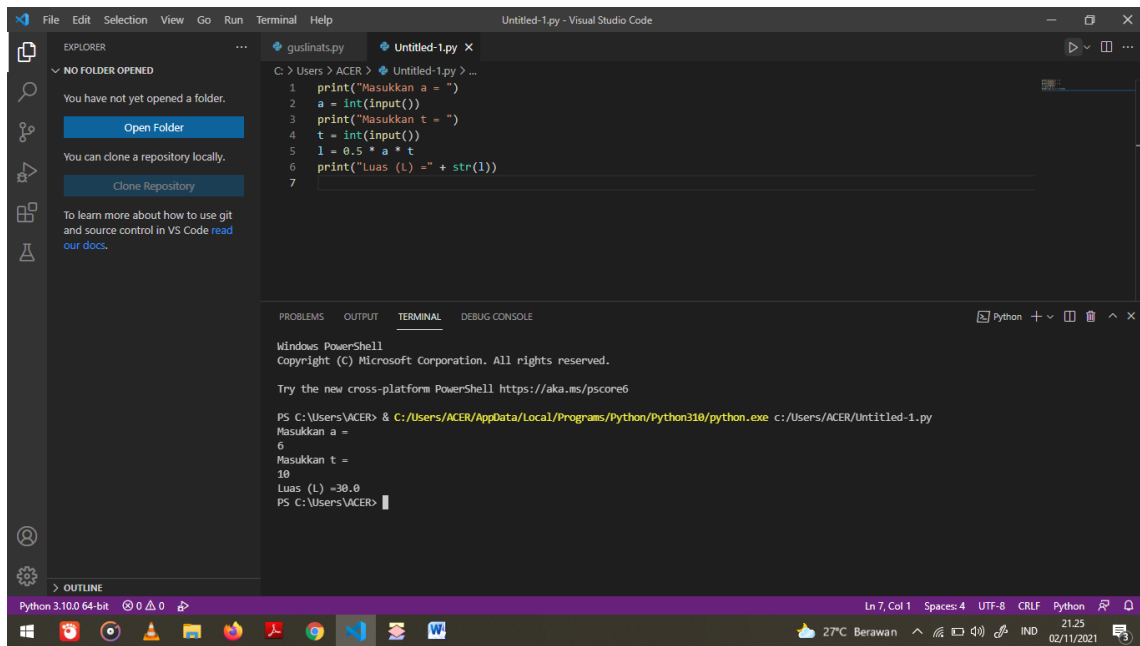
```
Windows PowerShell
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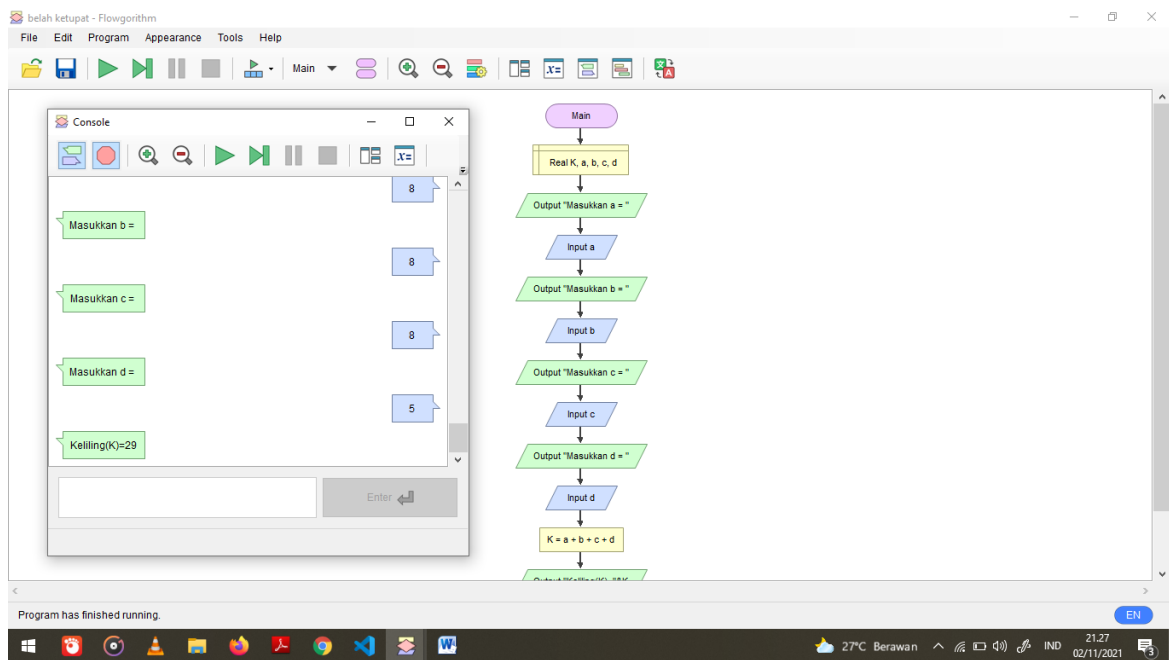
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan a =
5
Masukkan b =
5
Masukkan c =
5
Keliling(K)=15.0
PS C:\Users\ACER>
```

- Luas :





- **BELAH KETUPAT**
 - Keliling :



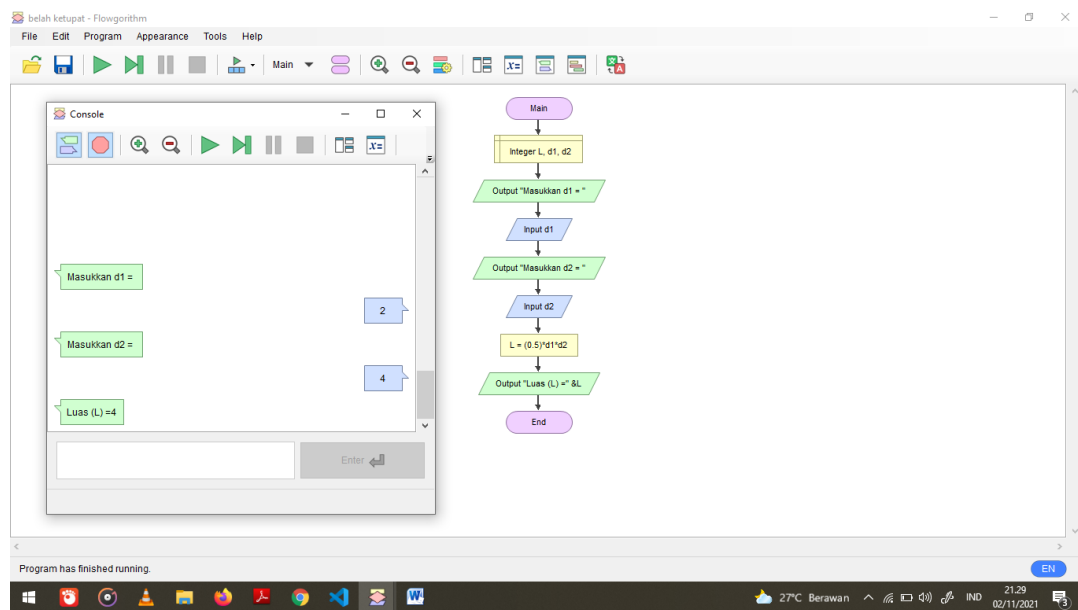
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.py' with the following code:

```
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 execution of the script in a Windows PowerShell environment. The output is as follows:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Untitled-1.py
Masukkan a =
8
Masukkan b =
8
Masukkan c =
8
Masukkan d =
5
Keliling(K)=29.0
PS C:\Users\ACER>
```

- Luas :



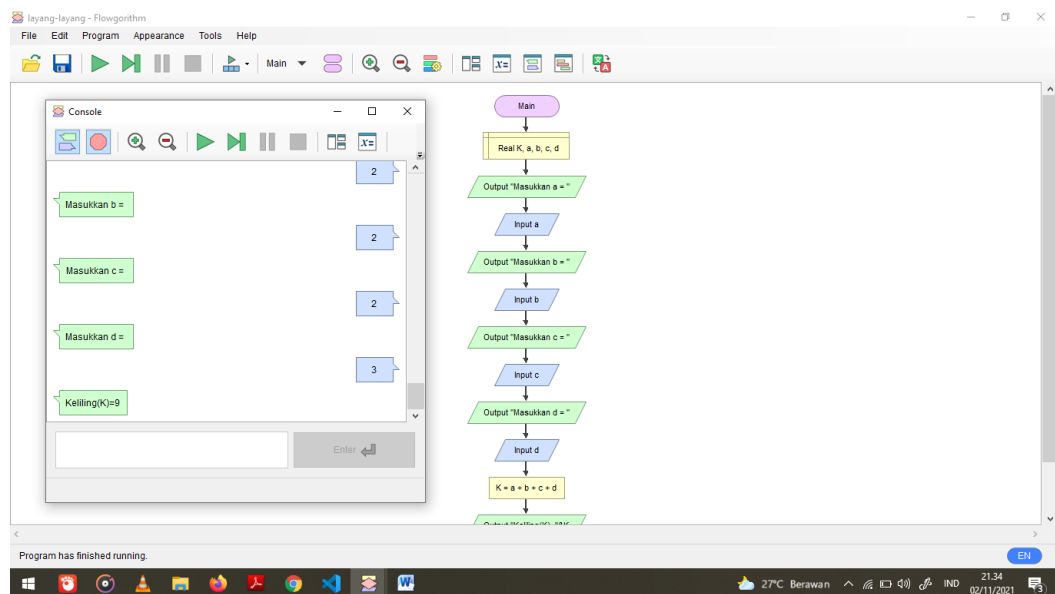
The screenshot shows the Visual Studio Code interface. The Explorer panel on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.py' with the following code:

```
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 panel at the bottom shows the execution of the script using Python 3.10.0 64-bit. The output is:

```
PS C:\Users\ACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/ACER/Untitled-1.py
Masukkan d1 = 2
Masukkan d2 = 4
Luas (L) =4.0
PS C:\Users\ACER>
```

- **LAYANG-LAYANG**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.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 execution of the script in a Windows PowerShell environment:

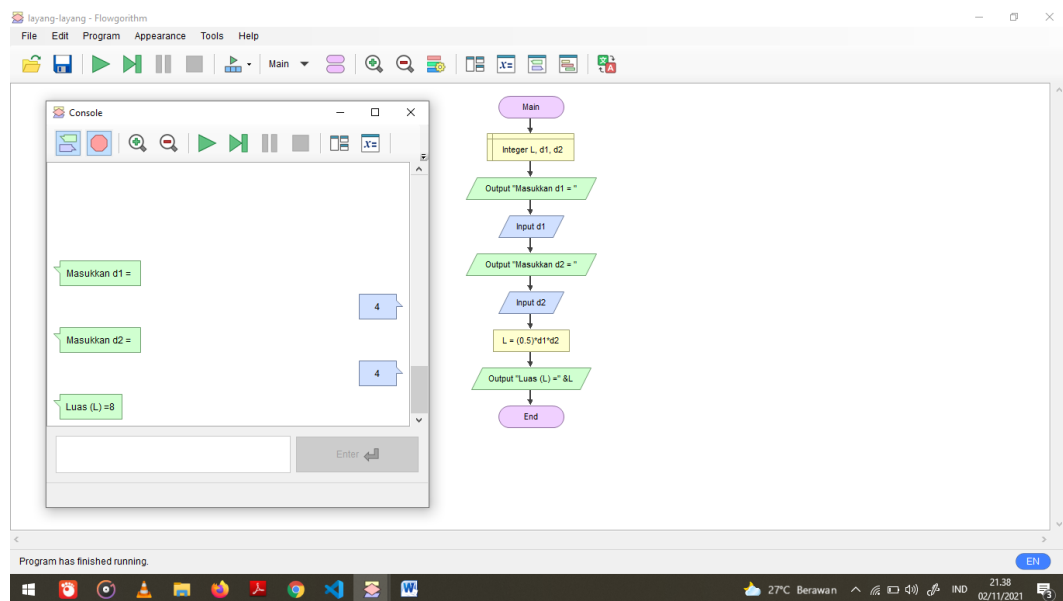
```
Windows PowerShell
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PS C:\Users\VACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan a =
2
Masukkan b =
2
Masukkan c =
2
Masukkan d =
3
Keliling(K)=9.0
PS C:\Users\VACER>
```

The status bar at the bottom indicates 'Python 3.10.0 64-bit' and 'Ln 11, Col 1'.

- Luas :

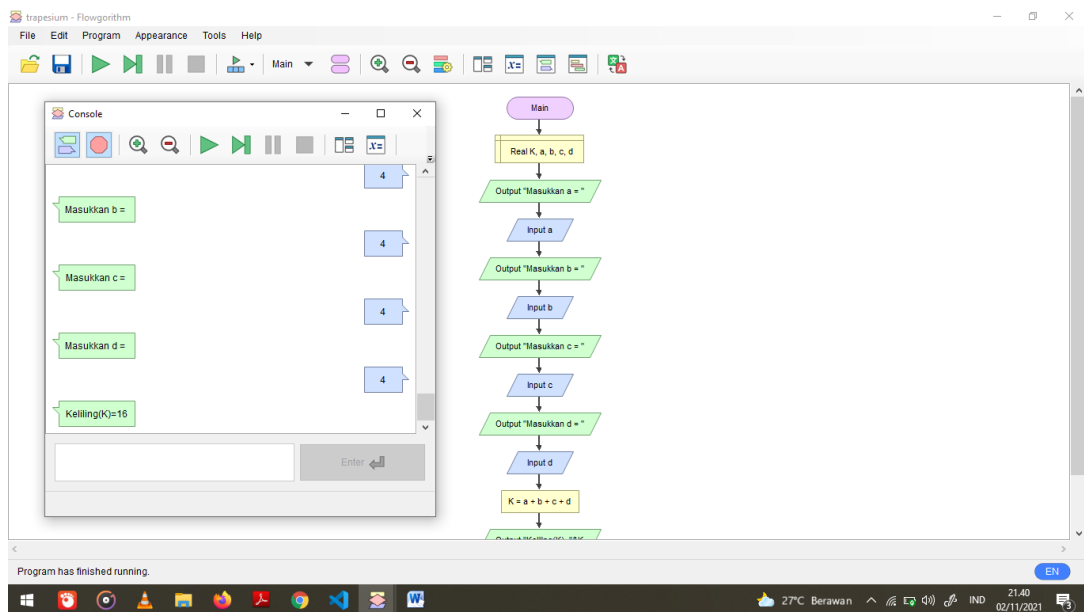


```
1 print("Masukkan d1 = ")
2 d1 = int(input())
3 print("Masukkan d2 = ")
4 d2 = int(input())
5 L = 0.5 * d1 + d2
6 print("Luas (L) =" + str(L))
7
```

Windows PowerShell
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PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:\Users\ACER\Untitled-1.py
Masukkan d1 =
4
Masukkan d2 =
4
Luas (L) =8.0
PS C:\Users\ACER>

- **TRAPESIUM**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named 'Untitled-1.py'. The main editor displays the following Python code:

```
C:\Users\ACER> C:\Users\ACER> ...
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
```

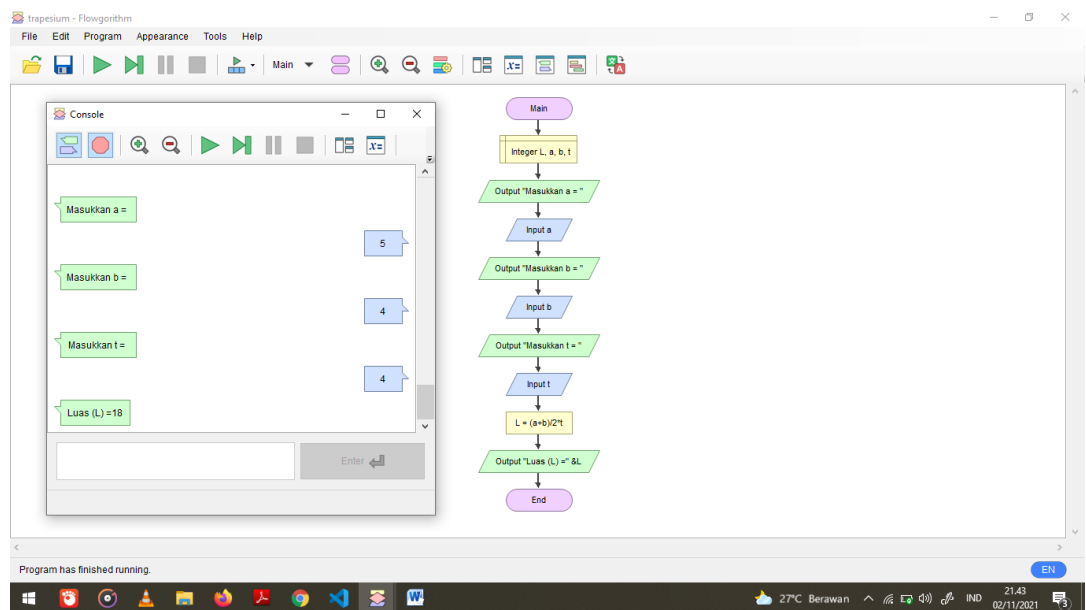
The TERMINAL pane at the bottom shows the execution of the script using Python 3.10.0 64-bit. The output is as follows:

```
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/Untitled-1.py
Masukkan a =
4
Masukkan b =
4
Masukkan c =
4
Masukkan d =
4
Keliling(K)=16.0
PS C:\Users\ACER>
```

- Luas :



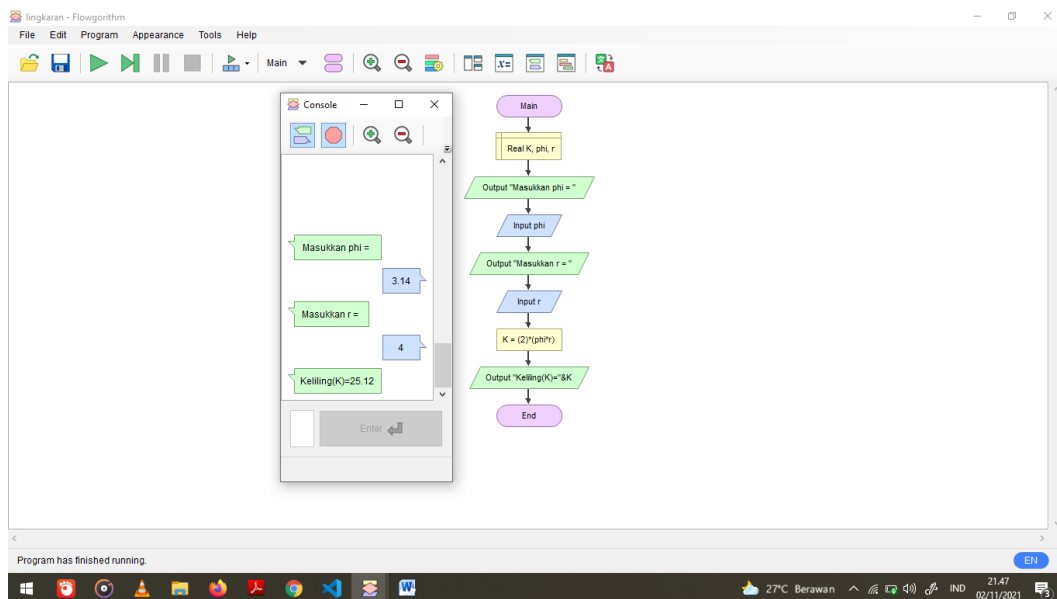
The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.py' with the following code:

```
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 TERMINAL pane at the bottom shows the execution of the script using Python 3.10.0. The output is:

```
PS C:\Users\VACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe c:/Users/ACER/Untitled-1.py
Masukkan a =
5
Masukkan b =
4
Masukkan t =
4
Luas (L) =18.0
PS C:\Users\VACER>
```

- **LINGKARAN**
 - Keliling :



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left indicates 'NO FOLDER OPENED'. The main editor displays a Python file named 'Untitled-1.py' with the following 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 execution of the script in a Windows PowerShell environment:

```
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/Untitled-1.py
Masukkan phi =
3.14
Masukkan r =
4
Keliling(K)=25.12
PS C:\Users\ACER>
```

The status bar at the bottom indicates the Python version is 3.10.0 64-bit, and the current file is 'Ln 7, Col 1'.

- Luas :

