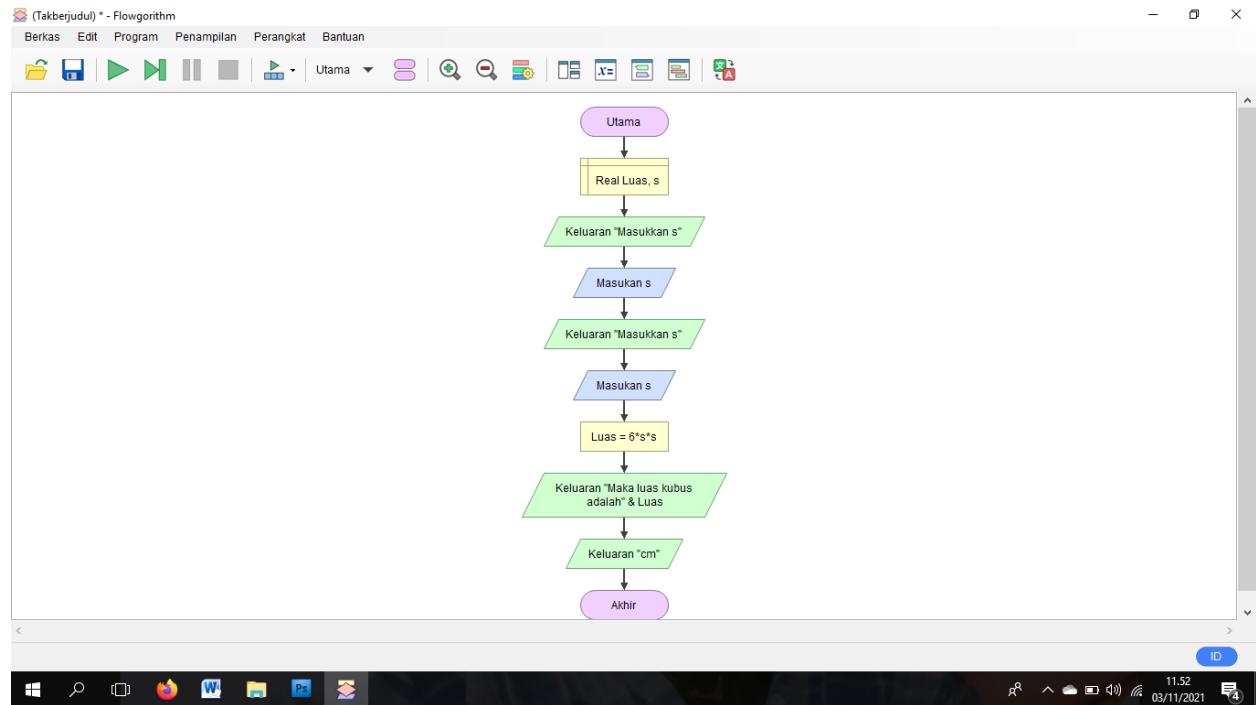
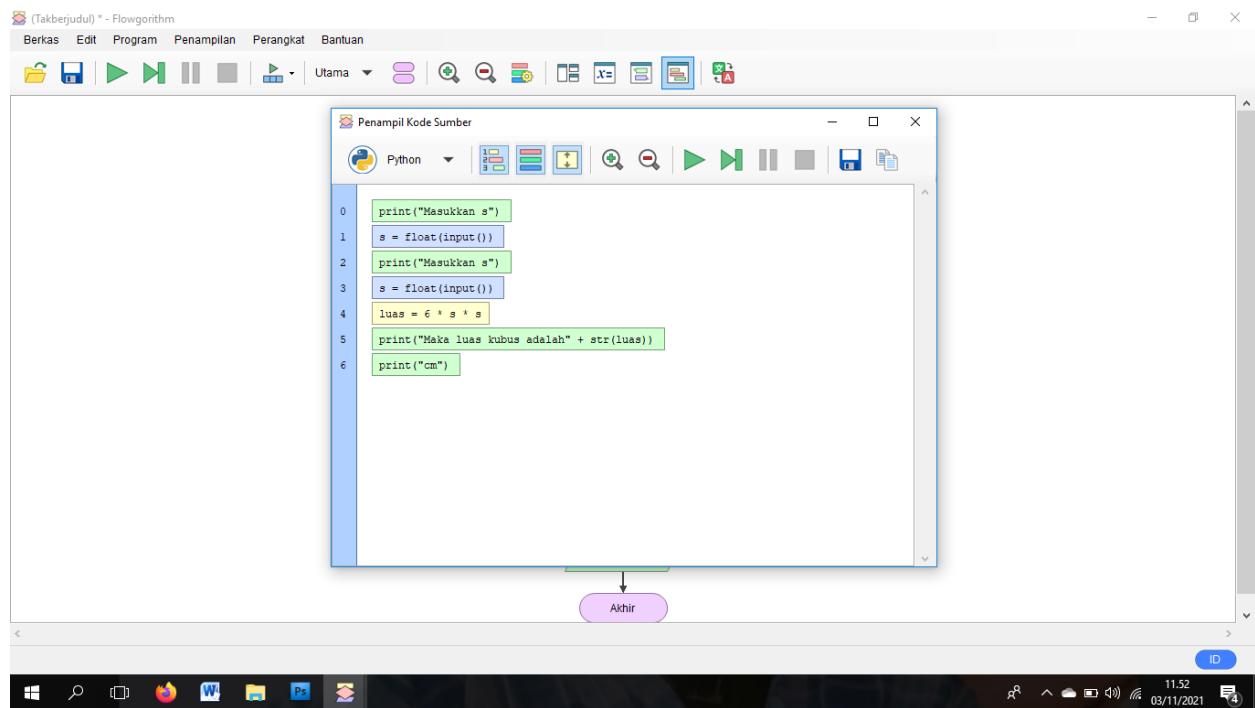


KUBUS

- Luas



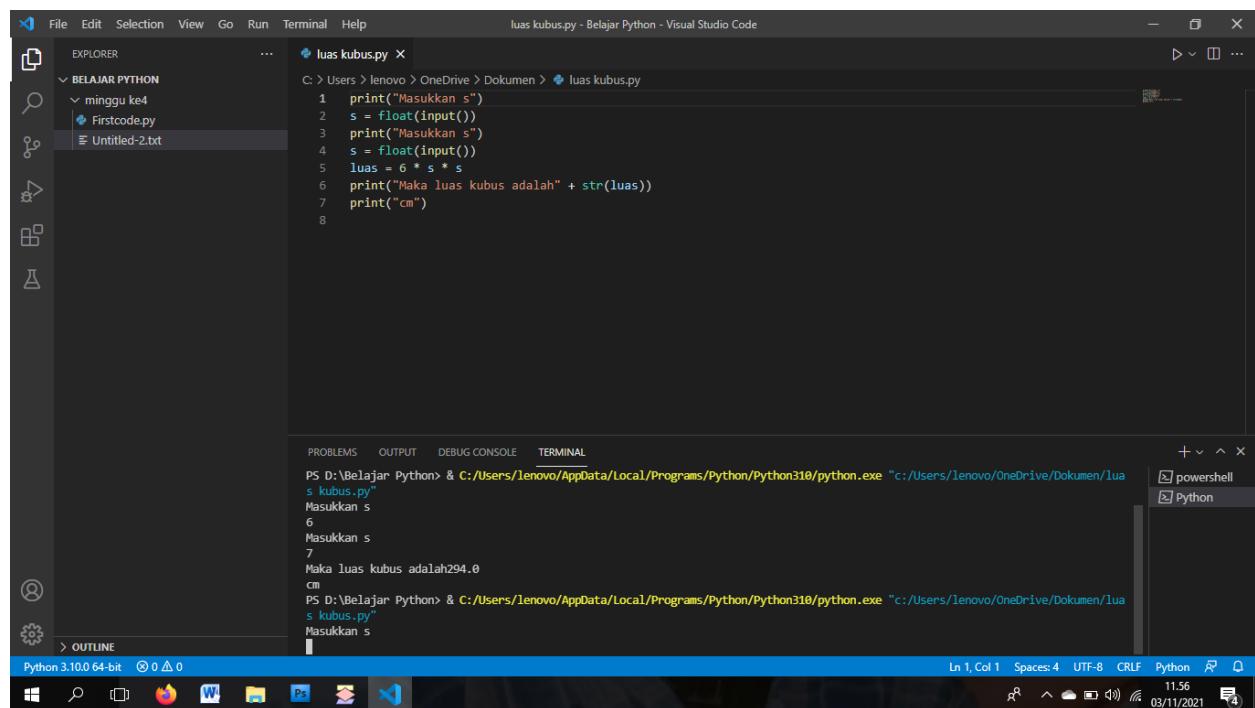
Edit dengan WPS Office



The screenshot shows the Flowgorithm software interface. A central window titled "Penampil Kode Sumber" displays Python code for calculating the surface area of a cube. The code is as follows:

```
0 print("Masukkan s")
1 s = float(input())
2 print("Masukkan s")
3 s = float(input())
4 luas = 6 * s * s
5 print("Maka luas kubus adalah" + str(luas))
6 print("cm")
```

A small green arrow points downwards from the bottom of the code area towards a purple rounded rectangle labeled "Akhir". The top menu bar includes "Berkas", "Edit", "Program", "Penampilan", "Perangkat", and "Bantuan". The toolbar contains various icons for file operations and program execution.



The screenshot shows the Visual Studio Code (VS Code) interface. The left sidebar shows a file tree with "luas kubus.py" selected. The main editor window displays the same Python code for calculating cube surface area. Below the editor, the terminal tab shows the execution of the script and its output:

```
C:\> Users > lenovo > OneDrive > Dokumen > luas kubus.py
1 print("Masukkan s")
2 s = float(input())
3 print("Masukkan s")
4 s = float(input())
5 luas = 6 * s * s
6 print("Maka luas kubus adalah" + str(luas))
7 print("cm")
8
```

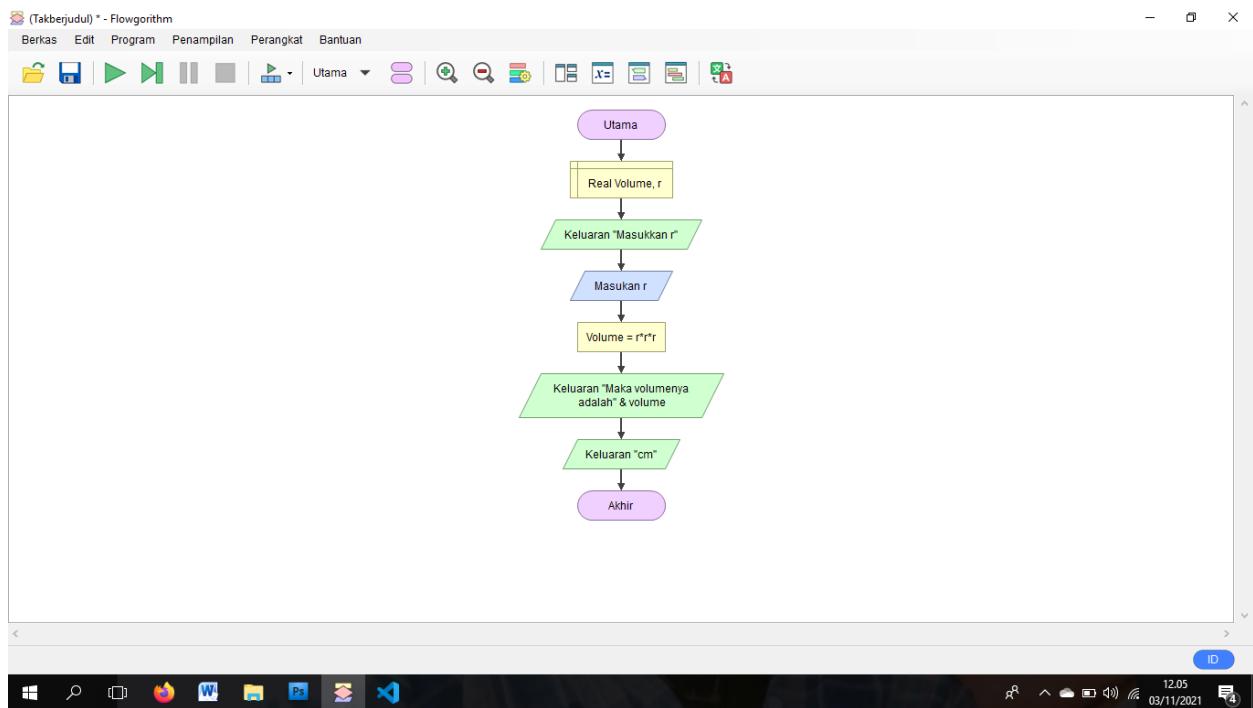
```
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Dokumen/luas kubus.py"
Masukkan s
6
Masukkan s
7
Maka luas kubus adalah294.0
cm
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Dokumen/luas kubus.py"
Masukkan s
```

The status bar at the bottom indicates "Ln 1, Col 1" and "11.56 03/11/2021".

- Volume



Edit dengan WPS Office



The screenshot shows the "Penampil Kode Sumber" (Source Code Display) window of the Flowgorithm software. The code is written in Python and performs the following steps:

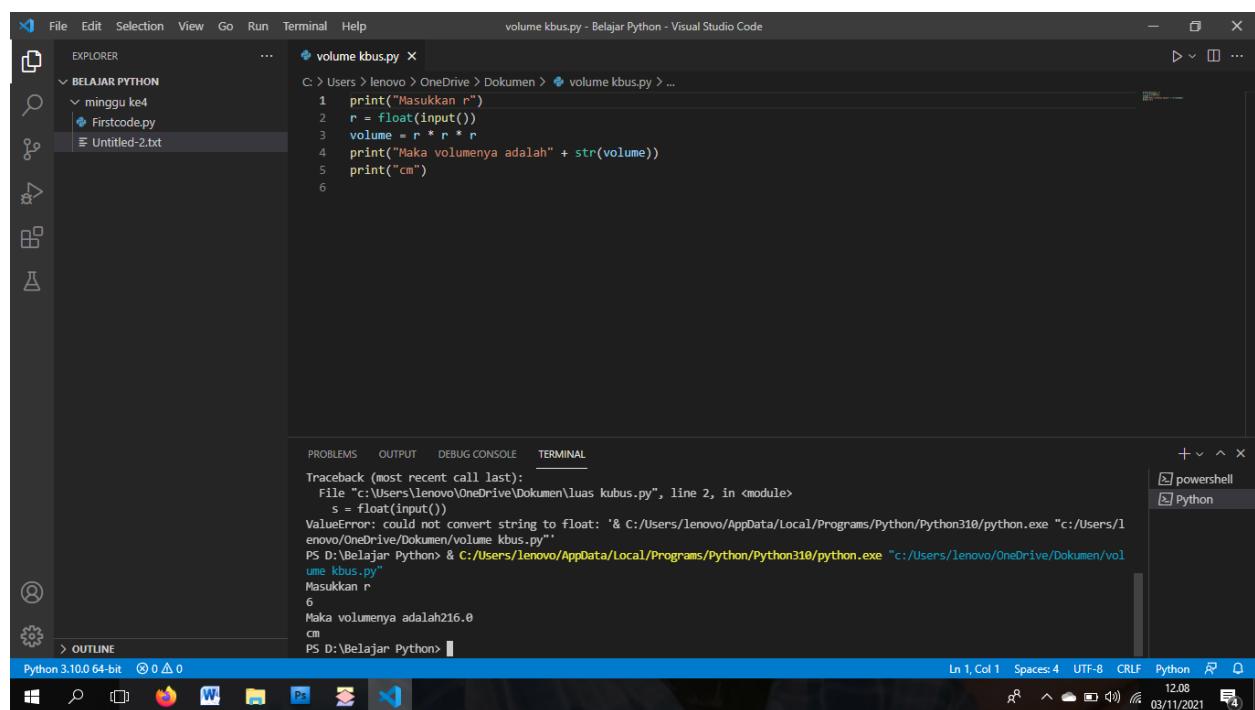
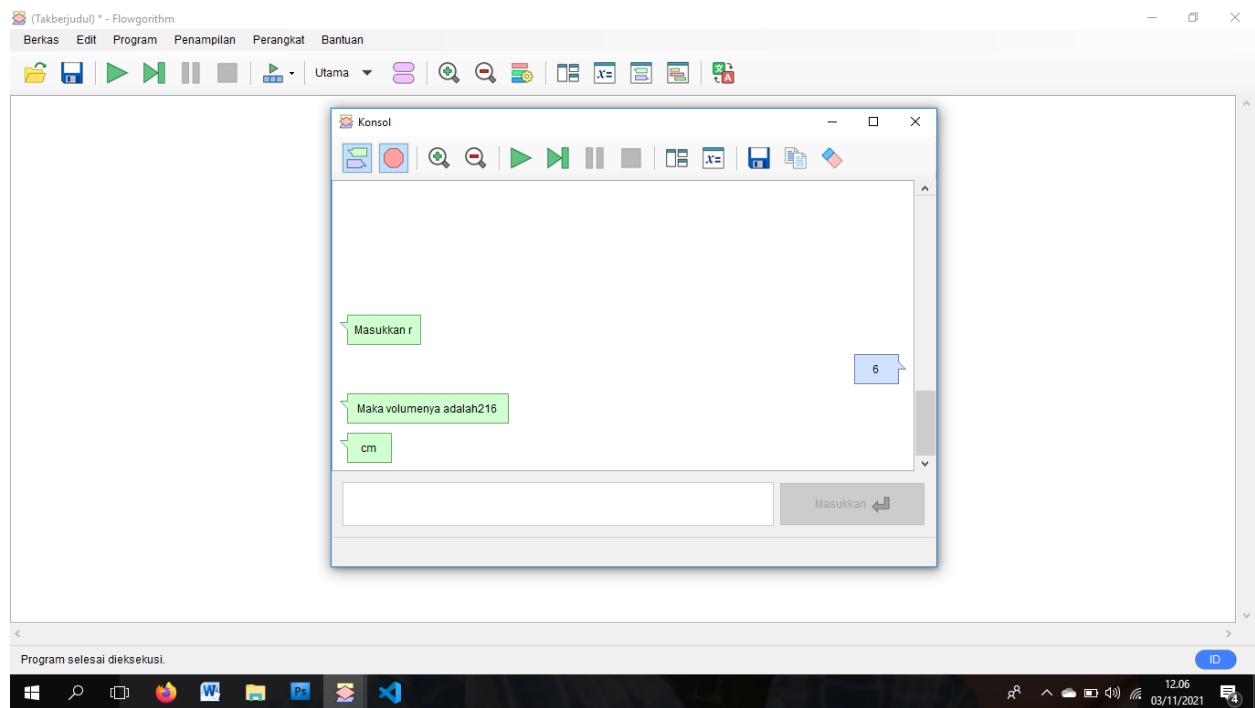
```

0 print("Masukkan r")
1 r = float(input())
2 volume = r * r * r
3 print("Maka volumenya adalah" + str(volume))
4 print("cm")
  
```

The code first prints a prompt "Masukkan r", reads a float value from the user, calculates the volume of a sphere using the formula πr^3 , prints the result back to the user, and finally prints the unit "cm".



Edit dengan WPS Office

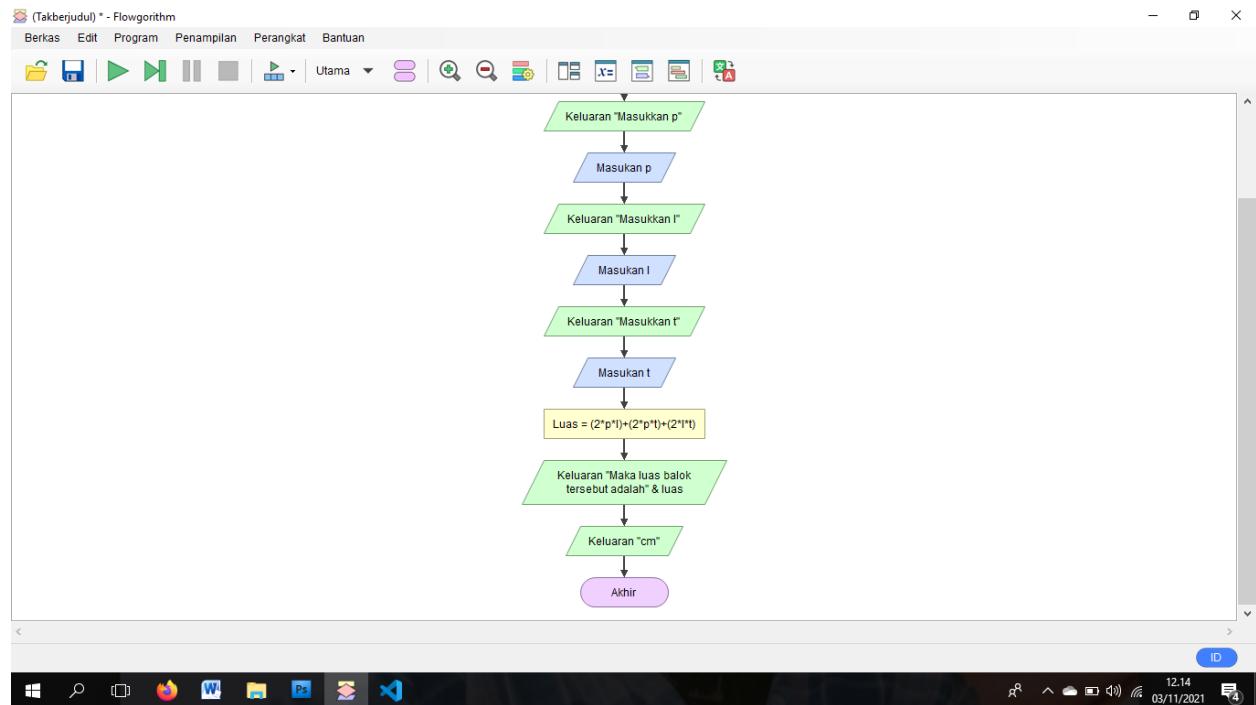


BALOK



Edit dengan WPS Office

- Luas

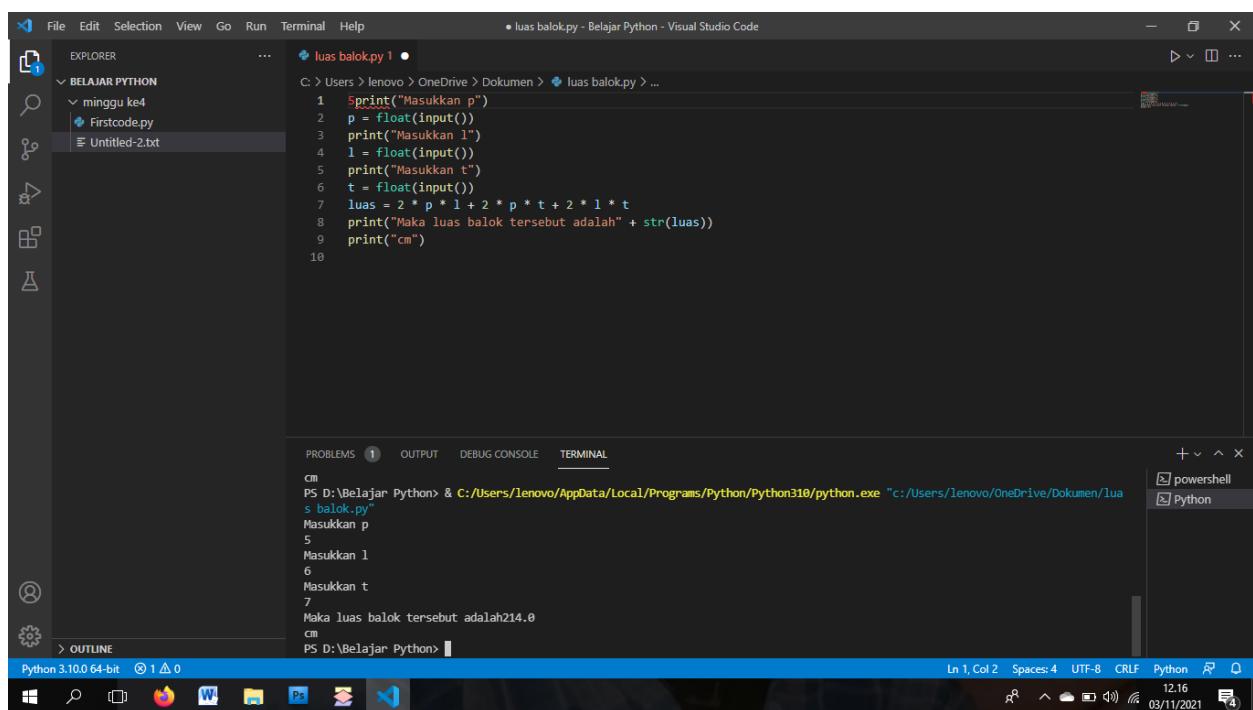
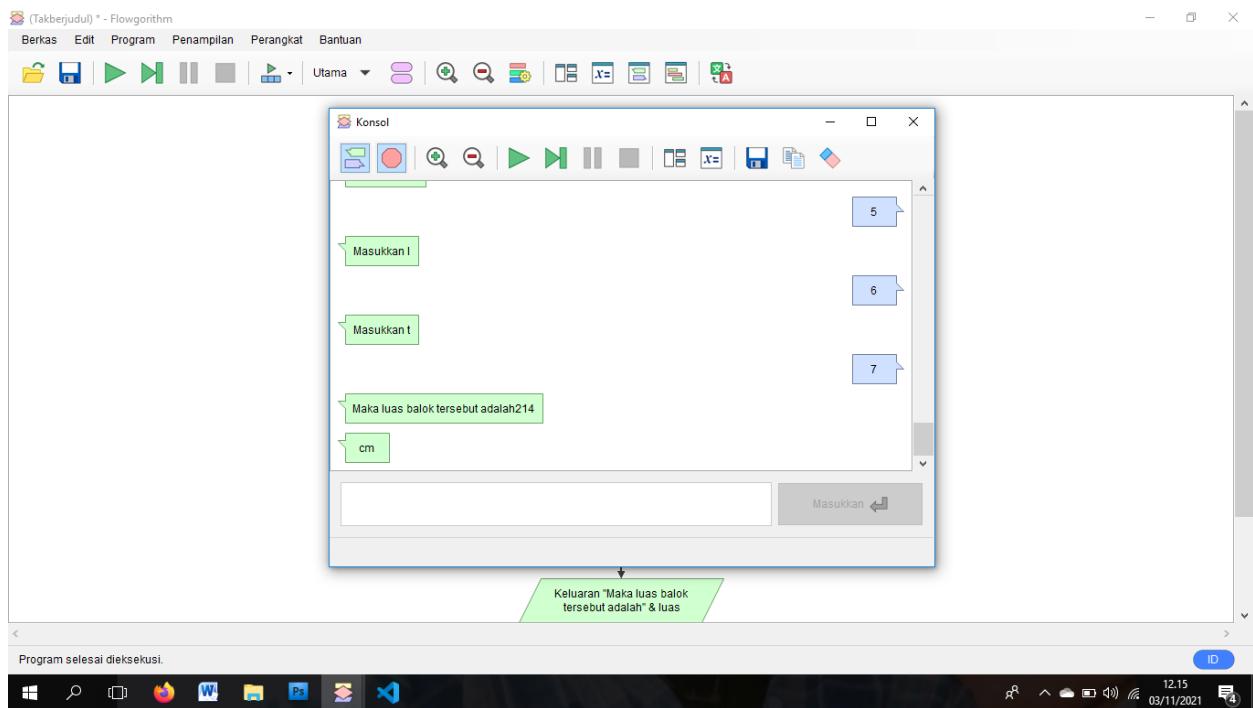


```
print("Masukkan p")
p = float(input())
print("Masukkan l")
l = float(input())
print("Masukkan t")
t = float(input())
luas = 2 * p * l + 2 * p * t + 2 * l * t
print("Maka luas balok tersebut adalah" + str(luas))
print("cm")
```

The screenshot shows the "Penampil Kode Sumber" (Code Preview) window of the Flowgorithm software. It displays the generated Python code corresponding to the flowchart above. The code prompts the user to input the width (p), length (l), and height (t) of a rectangular prism, calculates the surface area (luas), and then prints the result along with the unit "cm".



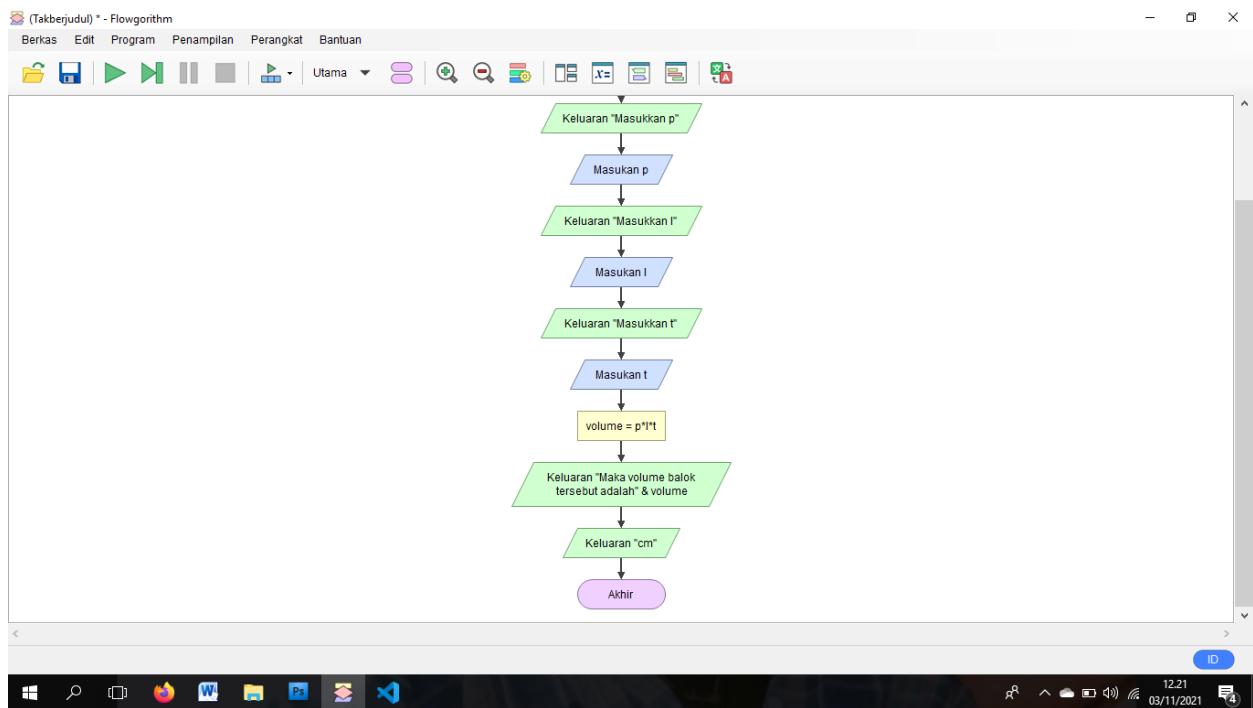
Edit dengan WPS Office



- Volume



Edit dengan WPS Office



```

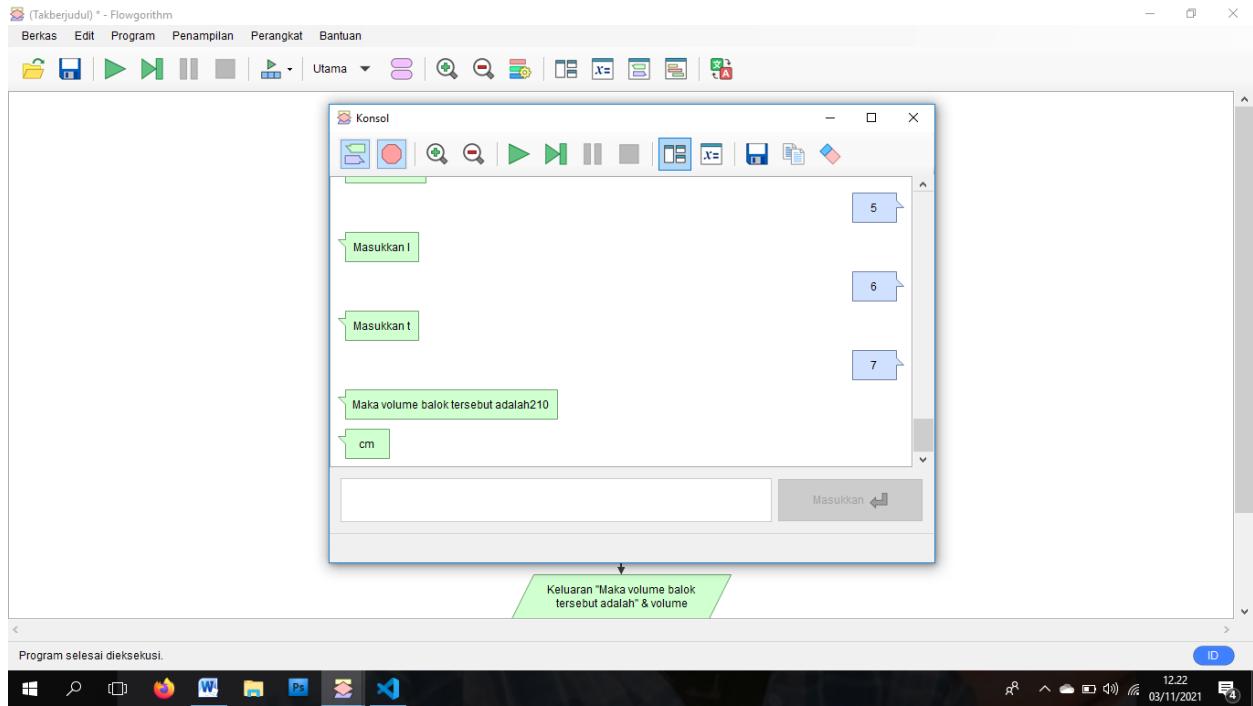
0 print("Masukkan p")
1 p = float(input())
2 print("Masukkan l")
3 l = float(input())
4 print("Masukkan t")
5 t = float(input())
6 volume = p * l * t
7 print("Maka volume balok tersebut adalah" + str(volume))
8 print("cm")

```

The screenshot shows a Python code editor window titled 'Penampil Kode Sumber'. The code is identical to the one shown in the flowchart, defining variables p, l, and t, calculating their product to find the volume, and then printing the result along with the unit 'cm'.



Edit dengan WPS Office



The screenshot shows the Visual Studio Code interface with the following details:

- The file "volum balok.py" is open in the editor.
- The code is as follows:

```
C:\> Users > lenovo > OneDrive > Dokumen > volum balok.py > ...
1 print("Masukkan p")
2 p = float(input())
3 print("Masukkan l")
4 l = float(input())
5 print("Masukkan t")
6 t = float(input())
7 volume = p * l * t
8 print("Maka volume balok tersebut adalah" + str(volume))
9 print("cm")
10
```

- The terminal window shows the execution of the script:

```
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Dokumen/volum balok.py"
Masukkan p
5
Masukkan l
6
Masukkan t
7
Maka volume balok tersebut adalah210.0
cm
PS D:\Belajar Python>
```

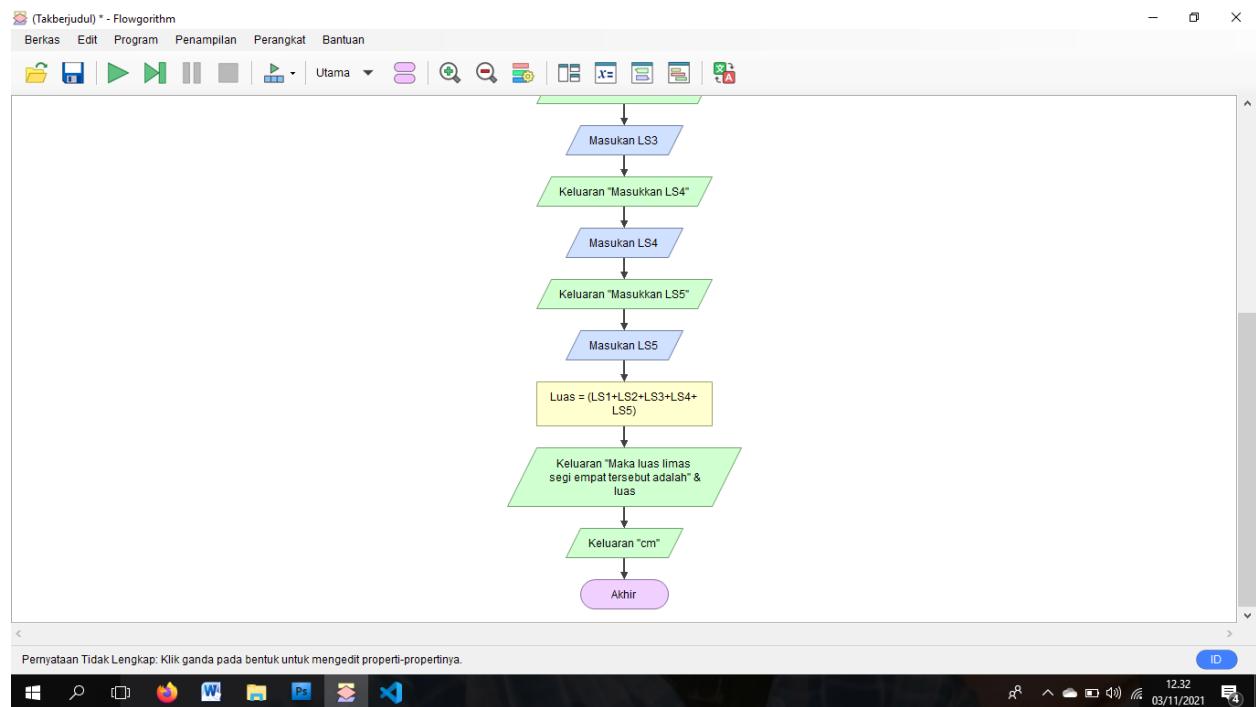
- The status bar at the bottom indicates: "Python 3.10.0 64-bit" and the system tray shows the date and time as 03/11/2021 12:23.

Limas segi empat



Edit dengan WPS Office

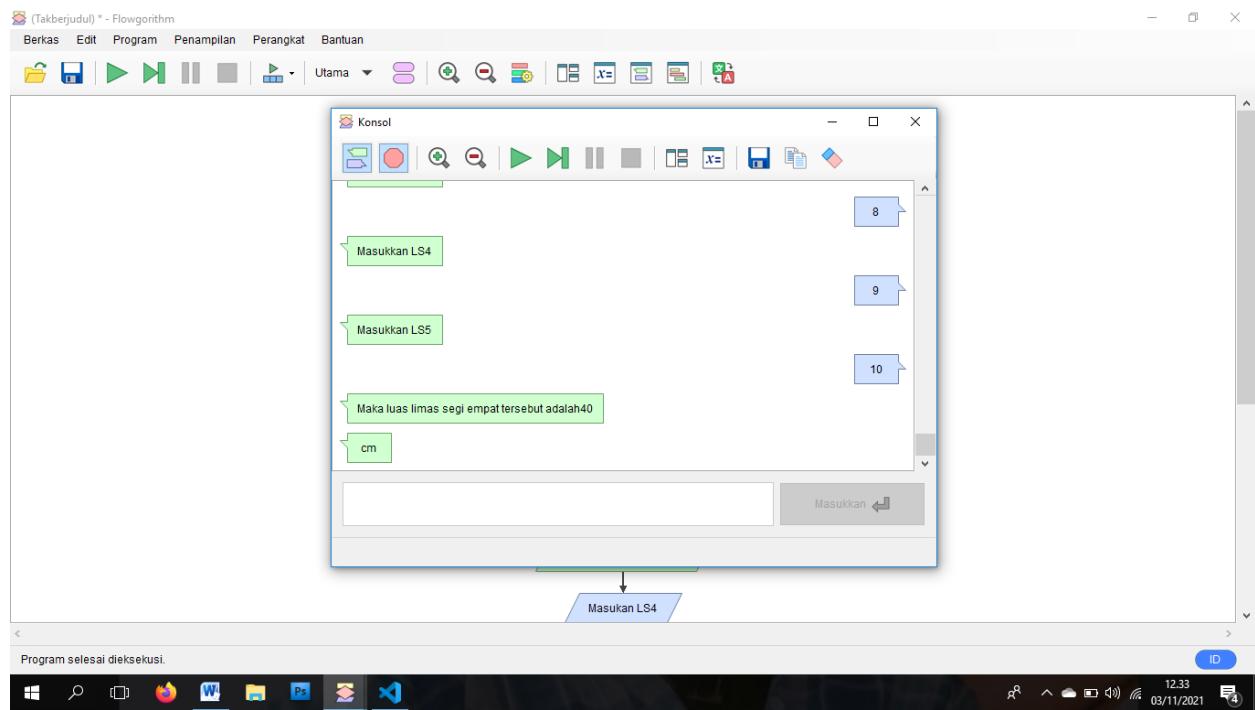
- Luas



```
0 print("Masukkan LS1")
1 LS1 = float(input())
2 print("Masukkan LS2")
3 LS2 = float(input())
4 print("Masukkan LS3")
5 LS3 = float(input())
6 print("Masukkan LS4")
7 LS4 = float(input())
8 print("Masukkan LS5")
9 LS5 = float(input())
10 luas = LS1 + LS2 + LS3 + LS4 + LS5
11 print("Maka luas limas segi empat tersebut adalah" + str(luas))
12 print("cm")
```



Edit dengan WPS Office



The screenshot shows a Visual Studio Code window with a dark theme. The file 'luas limas segi empat.py' is open in the editor. The code is as follows:

```
C:\> Users > lenovo > OneDrive > Dokumen > luas limas segi empat.py > ...
1 print("Masukkan LS1")
2 LS1 = float(input())
3 print("Masukkan LS2")
4 LS2 = float(input())
5 print("Masukkan LS3")
6 LS3 = float(input())
7 print("Masukkan LS4")
8 LS4 = float(input())
9 print("Masukkan LS5")
10 LS5 = float(input())
11 luas = LS1 + LS2 + LS3 + LS4 + LS5
12 print("Maka luas limas segi empat tersebut adalah" + str(luas))
13 print("cm")
14
```

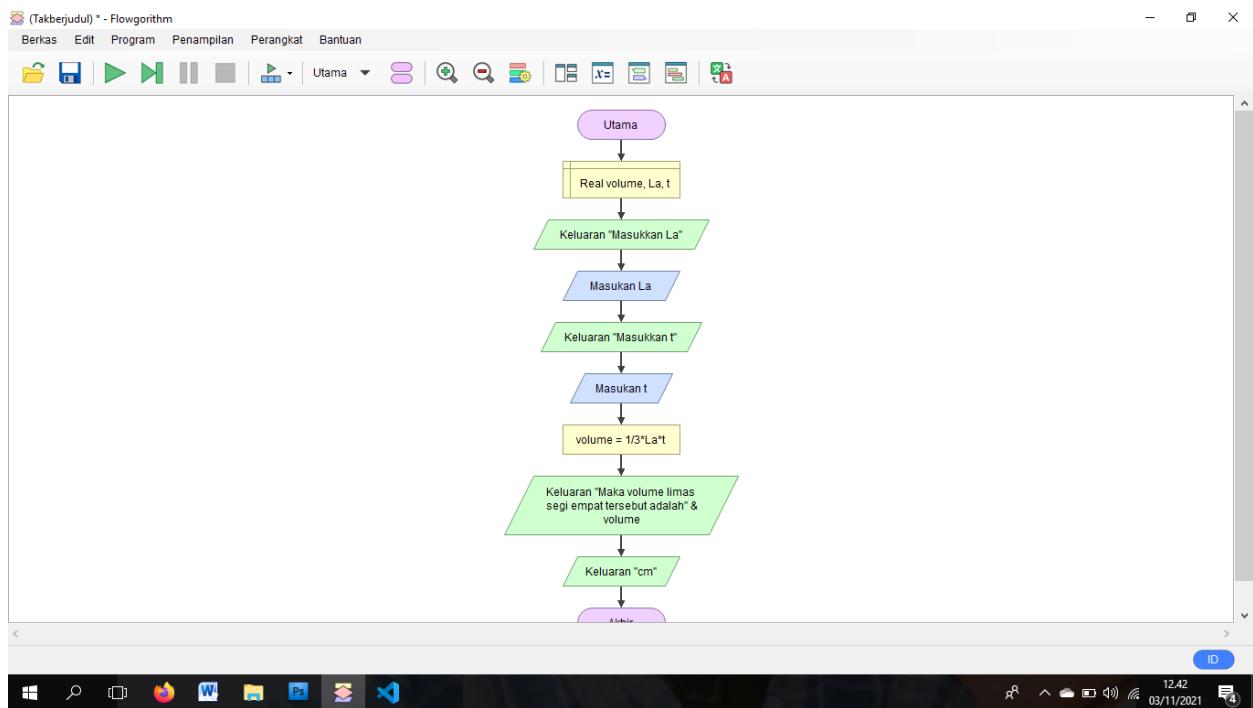
The terminal below shows the execution of the program:

```
6
Masukkan LS2
7
Masukkan LS3
8
Masukkan LS4
9
Masukkan LS5
10
Maka luas limas segi empat tersebut adalah40.0
cm
PS D:\Belajar Python>
```

- Volume



Edit dengan WPS Office



Penampil Kode Sumber

```

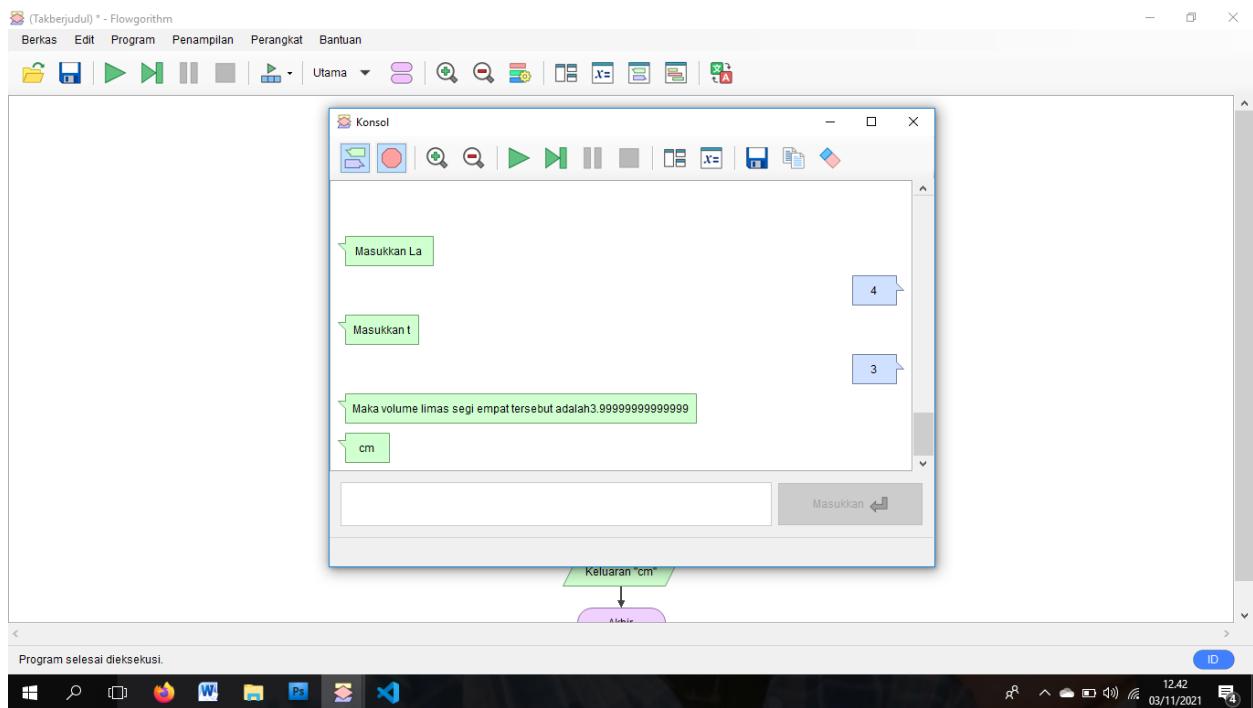
0 print("Masukkan La")
1 la = float(input())
2 print("Masukkan t")
3 t = float(input())
4 volume = float(la) / 3 * la * t
5 print("Maka volume limas segi empat tersebut adalah" + str(volume))
6 print("cm")

```

The screenshot shows the generated Python code corresponding to the flowchart. The code prompts the user to enter the base area (La) and height (t), calculates the volume using the formula $volume = la / 3 * la * t$, and then prints the result followed by "cm".



Edit dengan WPS Office



```
volume limas segi empat.py - Belajar Python - Visual Studio Code
File Edit Selection View Go Run Terminal Help
volume limas segi empat.py
C:\Users\lenovo\OneDrive\Dokumen> volume limas segi empat.py ...
1 print("Masukkan La")
2 la = float(input())
3 print("Masukkan t")
4 t = float(input())
5 volume = float(1) / 3 * la * t
6 print("Maka volume limas segi empat tersebut adalah" + str(volume))
7 print("cm")
8

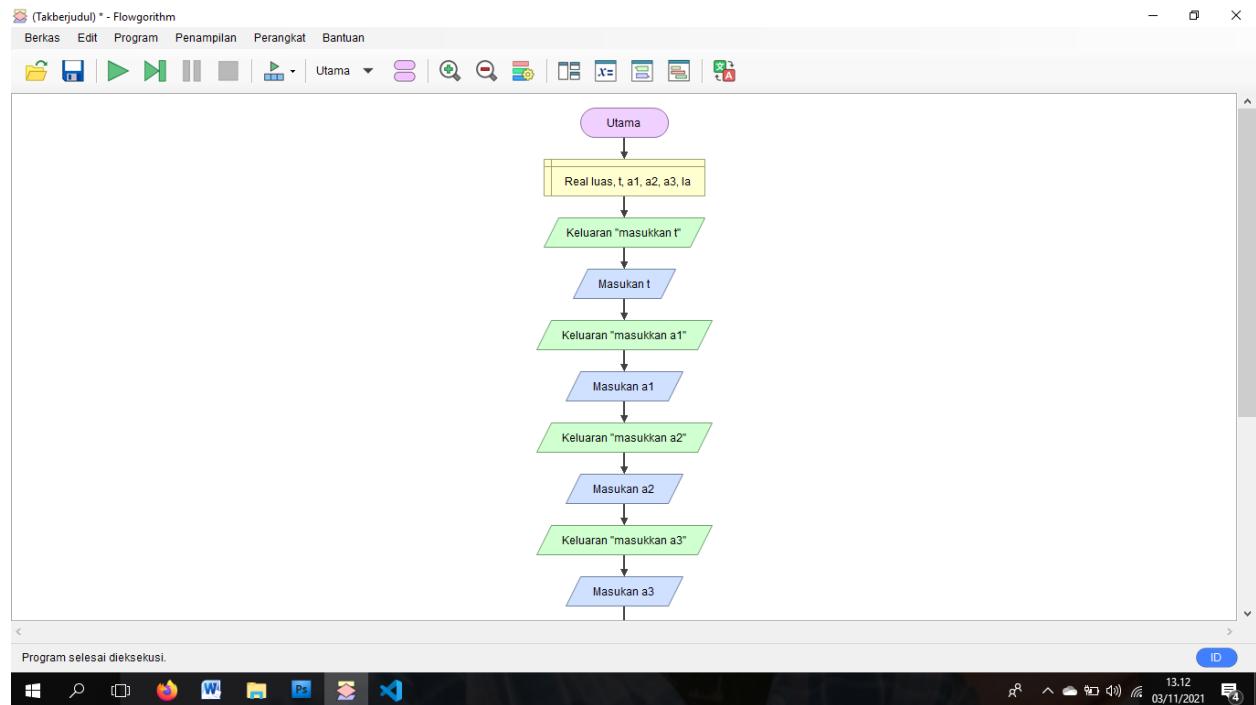
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
10
Maka luas limas segi empat tersebut adalah40.0
cm
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/lenovo/OneDrive/Dokumen/vol
ume limas segi empat.py"
Masukkan La
4
Masukkan t
3
Maka volume limas segi empat tersebut adalah4.0
cm
PS D:\Belajar Python>
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 12:44 03/11/2021
```

Prisma Segitiga



Edit dengan WPS Office

- Luas

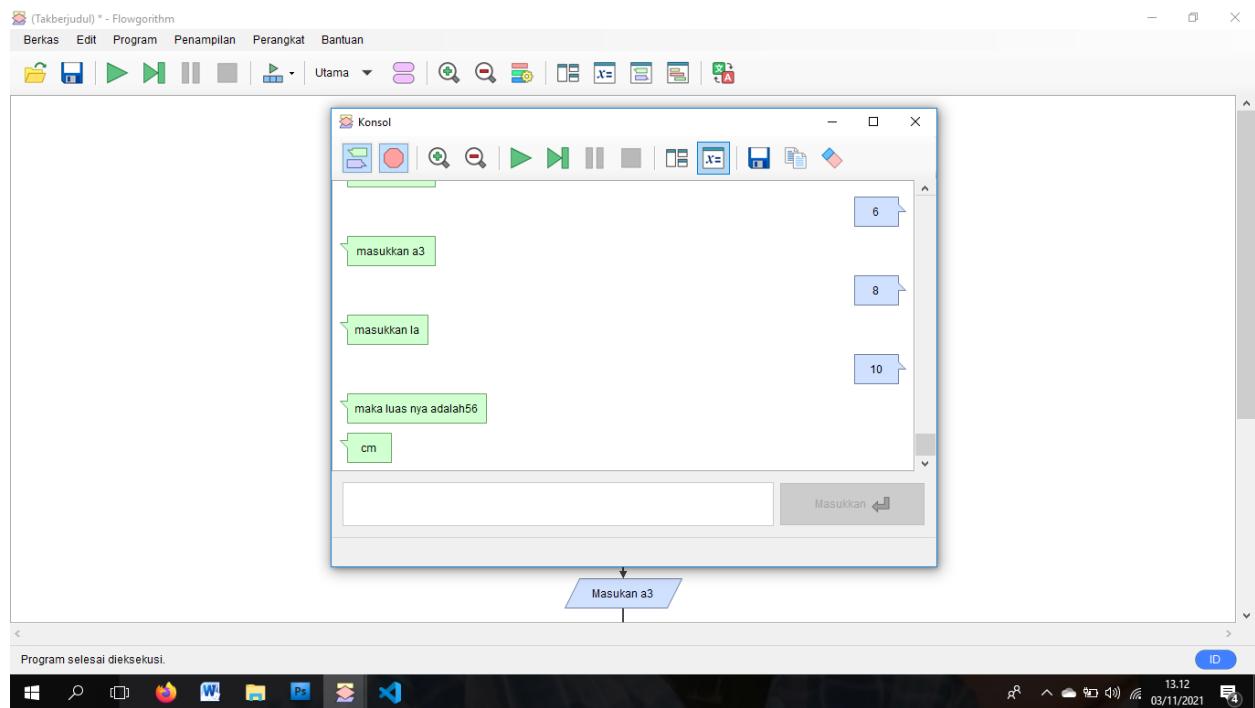


```
0 print("masukkan t")
1 t = float(input())
2 print("masukkan a1")
3 a1 = float(input())
4 print("masukkan a2")
5 a2 = float(input())
6 print("masukkan a3")
7 a3 = float(input())
8 print("masukkan la")
9 la = float(input())
10 luas = t * (a1 + a2 + a3) / 2 + la
11 print("maka luas nya adalah" + str(luas))
12 print("cm")
```

The screenshot shows the 'Penampil Kode Sumber' (Source Code Display) window of the Flowgorithm software. It contains the Python code for calculating the area of a trapezoid. The code uses floating-point inputs for all dimensions and calculates the area using the formula $\text{luas} = \frac{t}{2} \times (a1 + a2 + a3) + la$. The code is color-coded to distinguish between different parts: green for strings, blue for variable names, and yellow for the area calculation line.



Edit dengan WPS Office



The screenshot shows the Visual Studio Code interface with the file "luas prisma.py" open. The code is:

```
C:\> Users > lenovo > OneDrive > Dokumen > luas prisma.py > ...
1 print("masukkan t")
2 t = float(input())
3 print("masukkan a1")
4 a1 = float(input())
5 print("masukkan a2")
6 a2 = float(input())
7 print("masukkan a3")
8 a3 = float(input())
9 print("masukkan la")
10 la = float(input())
11 luas = t * (a1 + a2 + a3) + 2 * la
12 print("maka luas nya adalah" + str(luas))
13 print("cm")
```

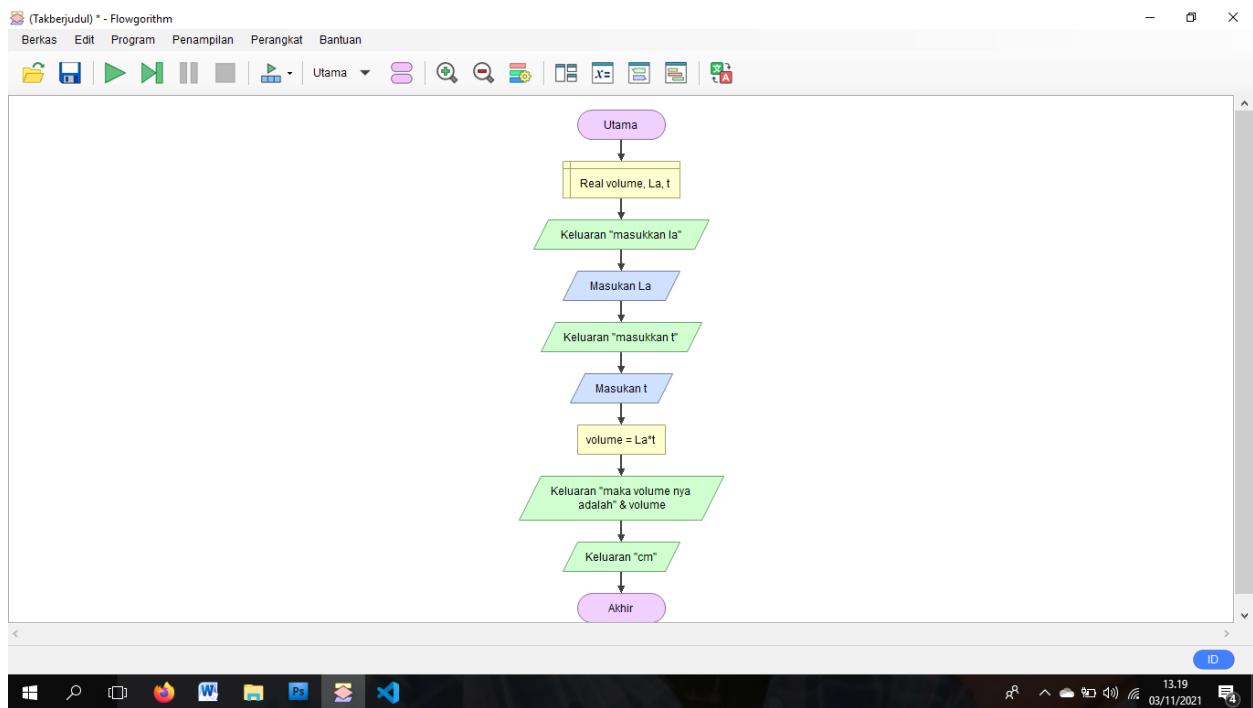
The terminal tab shows the execution results:

```
2
masukkan a1
4
masukkan a2
6
masukkan a3
8
masukkan la
10
maka luas nya adalah56.0
cm
PS D:\Belajar Python>
```

- Volume



Edit dengan WPS Office



The screenshot shows the software interface with the title "Penampil Kode Sumber". The code editor displays Python code:

```

0 print("masukkan la")
1 la = float(input())
2 print("masukkan t")
3 t = float(input())
4 volume = la * t
5 print("maka volume nya adalah" + str(volume))
6 print("cm")

```

The code performs the same steps as the flowchart: it prints a message to enter length, reads the length as a float, prints a message to enter time, reads the time as a float, calculates the volume as length times time, prints the calculated volume as a string concatenated with the volume variable, and finally prints the unit "cm". The flowchart at the bottom indicates the process continues until the end (Akhir).



Edit dengan WPS Office

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder named "BELAJAR PYTHON" containing files "minggu ke4", "Firstcode.py", and "Untitled-2.txt".
- Code Editor:** The active file is "luas prisma.py". The code prints "masukkan t" and then calculates volume based on input.

```
1 print("masukkan t")
2 masukkan t
3
4 masukkan la
5 maka volume nya adalah56.0
6 cm
7
8 masukkan la
9
10 maka luas nya adalah56.0
11 cm
12
13
14
```

- Terminal:** Shows the command "PS D:\Belajar Python> []" and the output "56.0".
- Status Bar:** Shows "Python 3.10.0 64-bit", "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", "Python", and a file icon.

The screenshot shows the Visual Studio Code interface with the following details:

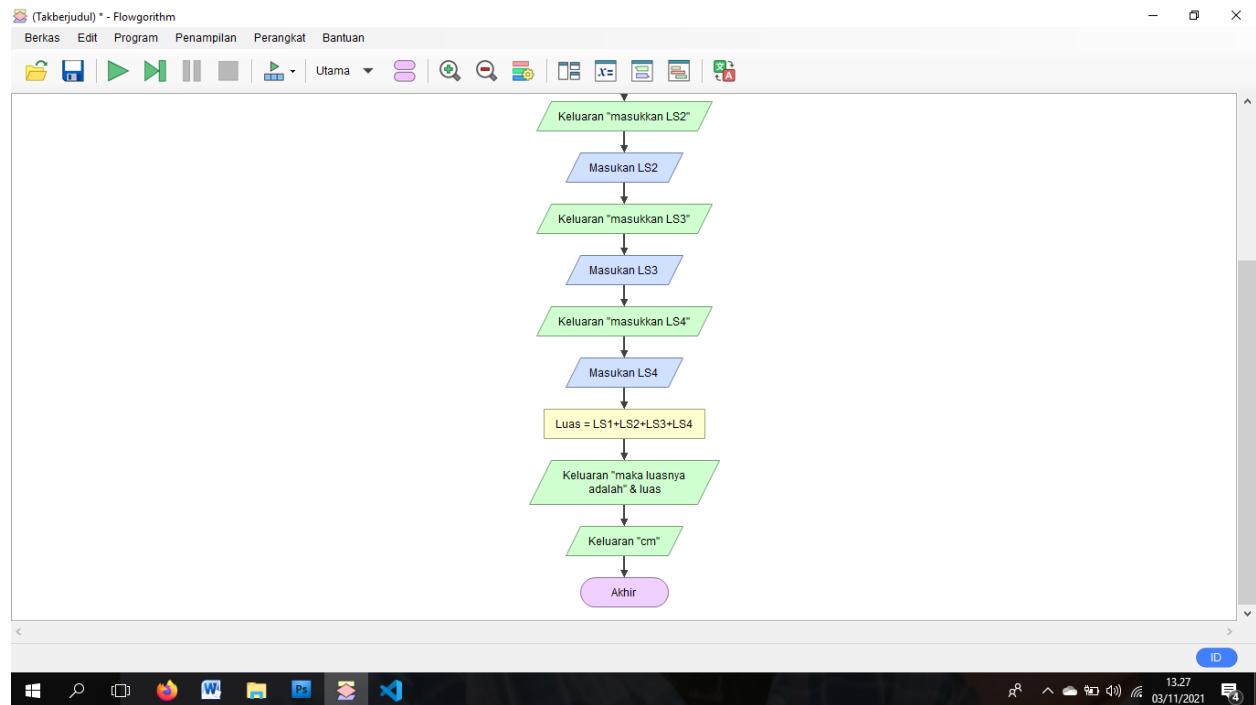
- File Explorer (Left):** Shows a folder structure under "BELAJAR PYTHON" containing "minggu ke4", "Firstcode.py", and "Untitled-2.txt".
- Code Editor (Center):** Displays a Python script named "volum prisma.py". The code prompts for length (la) and height (t), calculates volume (volume = la * t), and prints the result.
- Terminal (Bottom):** Shows the output of running the script. It asks for "luas nya" (area), prints "56.0", asks for "masukkan t" (height), prints "20.0", and asks for "masukkan la" (length).
- Status Bar (Bottom):** Shows "Python 3.10.0 64-bit", "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", "Python", and a file icon.

Limas Segitiga



Edit dengan WPS Office

- Luas

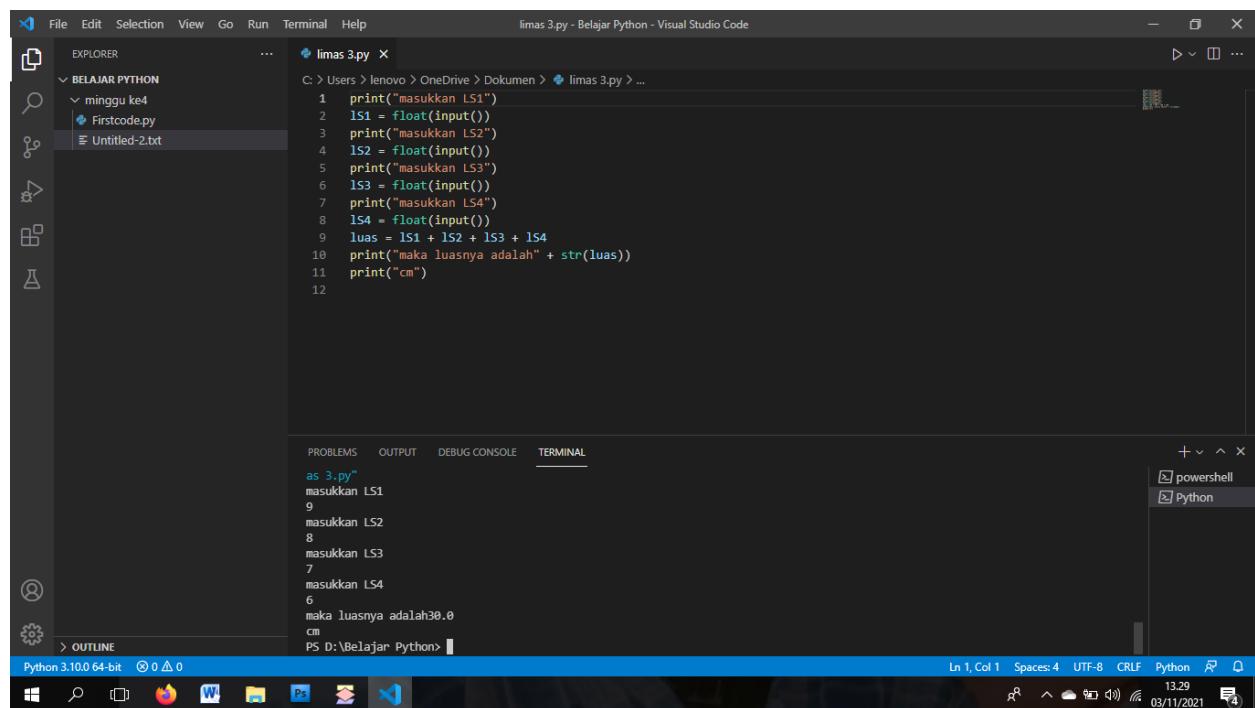
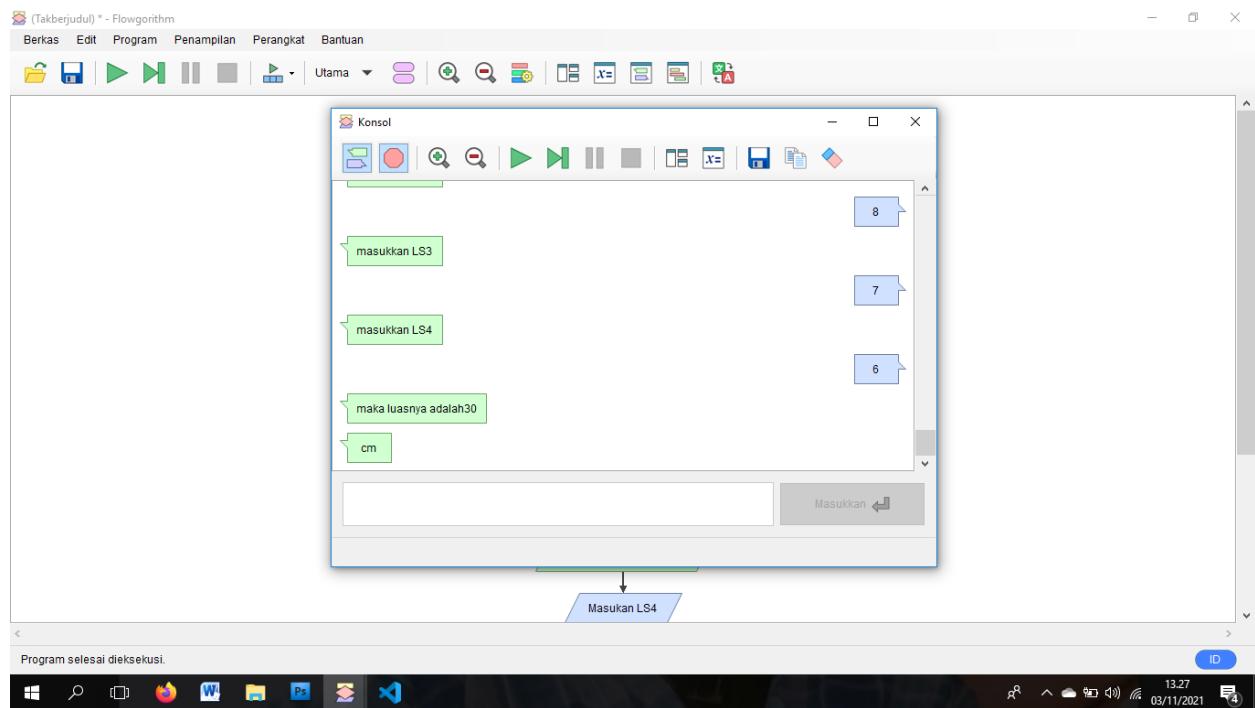


```
0 print("masukkan LS1")
1 LS1 = float(input())
2 print("masukkan LS2")
3 LS2 = float(input())
4 print("masukkan LS3")
5 LS3 = float(input())
6 print("masukkan LS4")
7 LS4 = float(input())
8 luas = LS1 + LS2 + LS3 + LS4
9 print("maka luasnya adalah" + str(luas))
10 print("cm")
```

The screenshot shows the Flowgorithm software interface with a code editor window titled "Penampil Kode Sumber". The code is written in Python and implements the logic of the flowchart. It prompts the user for four side lengths (LS1, LS2, LS3, LS4), calculates their sum (luas), and prints the result as a string plus "cm".



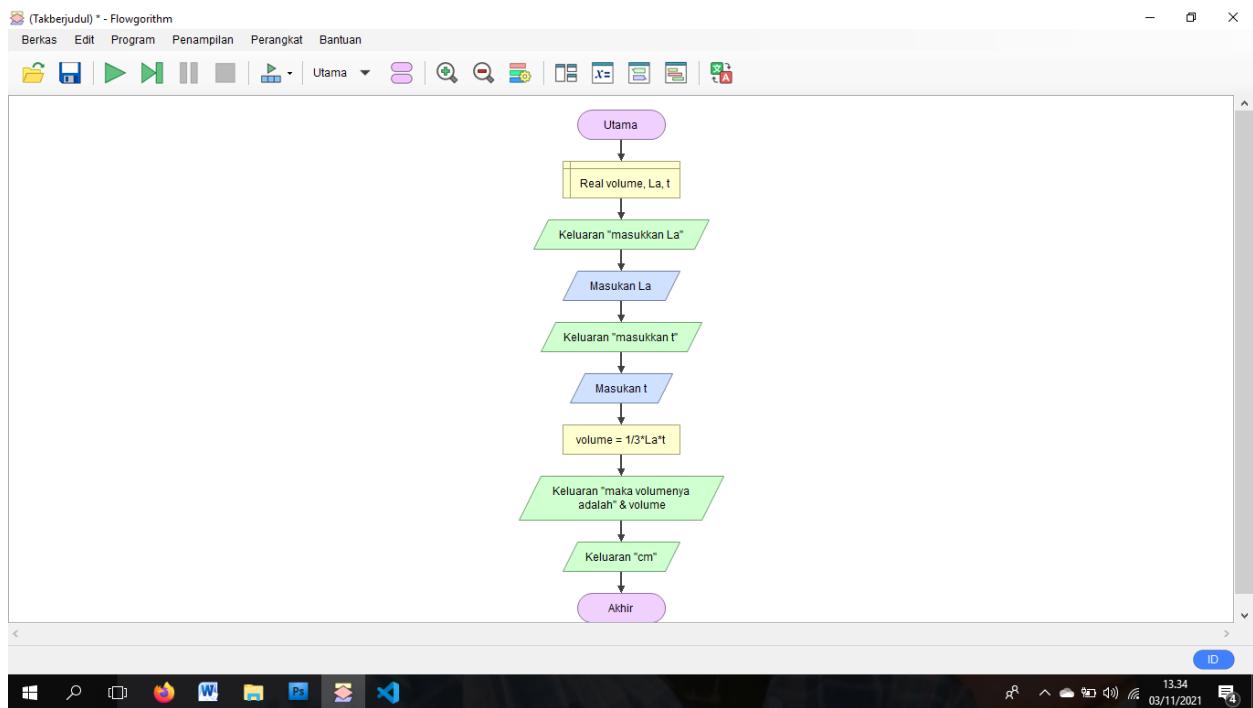
Edit dengan WPS Office



- Volume



Edit dengan WPS Office



```

print("masukkan La")
la = float(input())
print("masukkan t")
t = float(input())
volume = float(la) / 3 * la * t
print("maka volumenya adalah" + str(volume))
print("cm")

```



Edit dengan WPS Office

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer:** Shows a folder structure under "BELAJAR PYTHON" containing "minggu ke4", "Firstcode.py", and "Untitled-2.txt".
- Terminal:** The title bar says "limas 3.py - Belajar Python - Visual Studio Code". The terminal window displays the following Python code:

```
1 print("masukkan LS1")
2
3 masukkan ls1
4 masukkan t
5
6 maka volumenya adalah21
7 cm
```
- Output:** A floating terminal window titled "Konsol" shows the output of the code:

```
masukkan ls1
masukkan t
maka volumenya adalah21
cm
```
- Status Bar:** Shows "Python 3.10.0 64-bit", "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", "Python", and a file icon.
- Bottom Icons:** Includes icons for Windows Start, Search, Task View, Firefox, File Explorer, PowerShell, and Python.

The screenshot shows a Visual Studio Code interface with the following details:

- File Explorer (Left):** Shows a folder structure under "BELAJAR PYTHON" containing "minggu ke4", "Firstcode.py", and "Untitled-2.txt".
- Code Editor (Top Center):** Displays a Python script named "laa.py" with the following code:

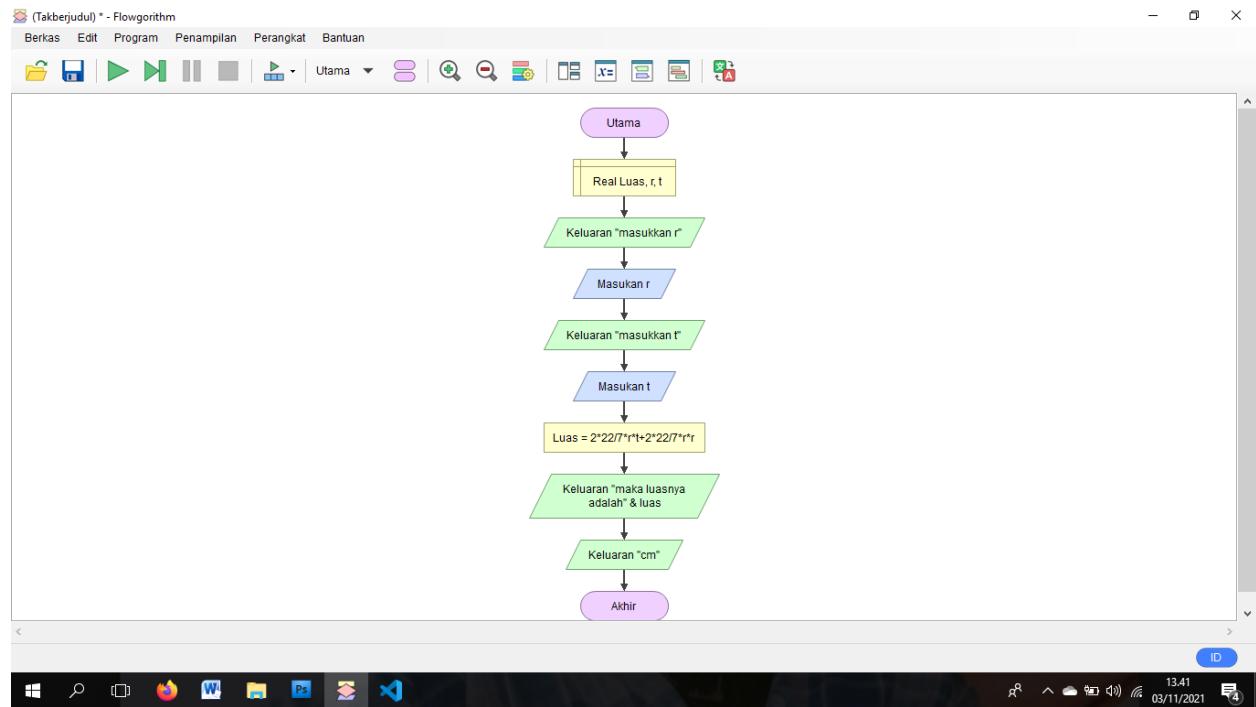
```
1 print("masukkan La")
2 la = float(input())
3 print("masukkan t")
4 t = float(input())
5 volume = float(1) / 3 * la * t
6 print("maka volumenya adalah" + str(volume))
7 print("cm")
```
- Terminal (Bottom):** Shows the output of running the script in a terminal window titled "powershell". The user inputs "21" for La and "3" for t, resulting in an output of "maka luasnya adalah30.0".
- Status Bar (Bottom):** Shows "Python 3.10.0 64-bit", "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", "Python", and a file icon.

Selinder



Edit dengan WPS Office

- Luas

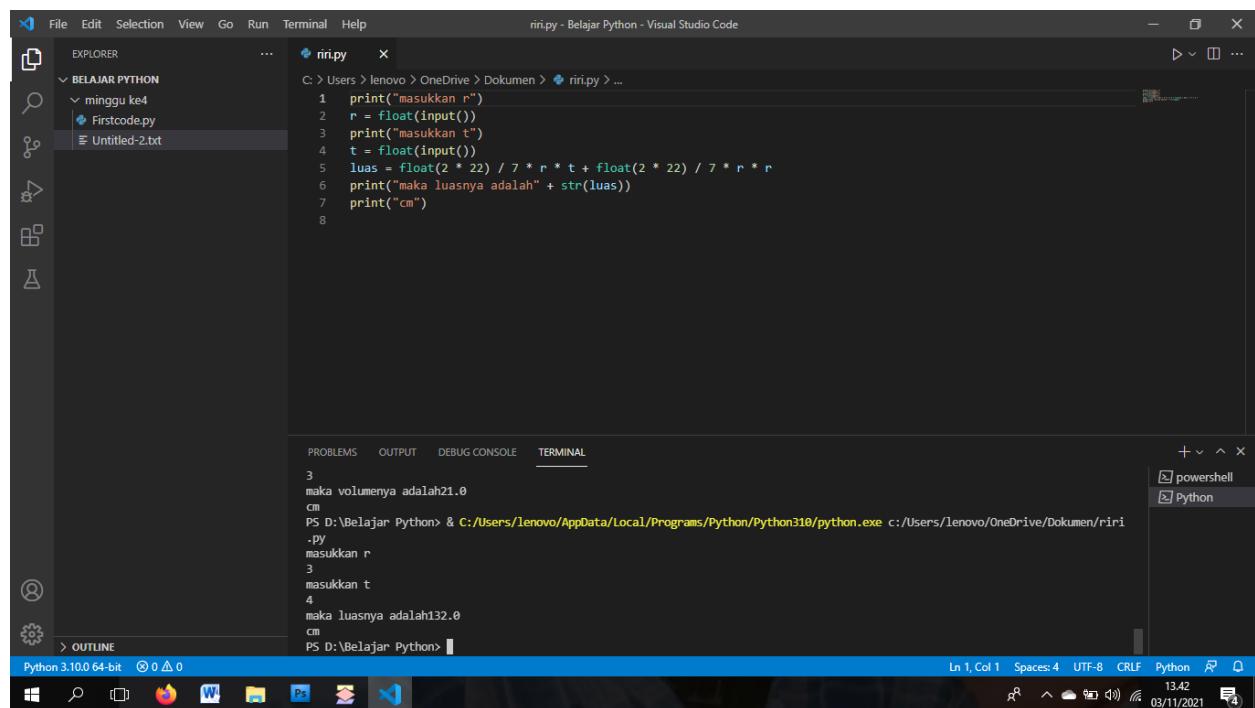
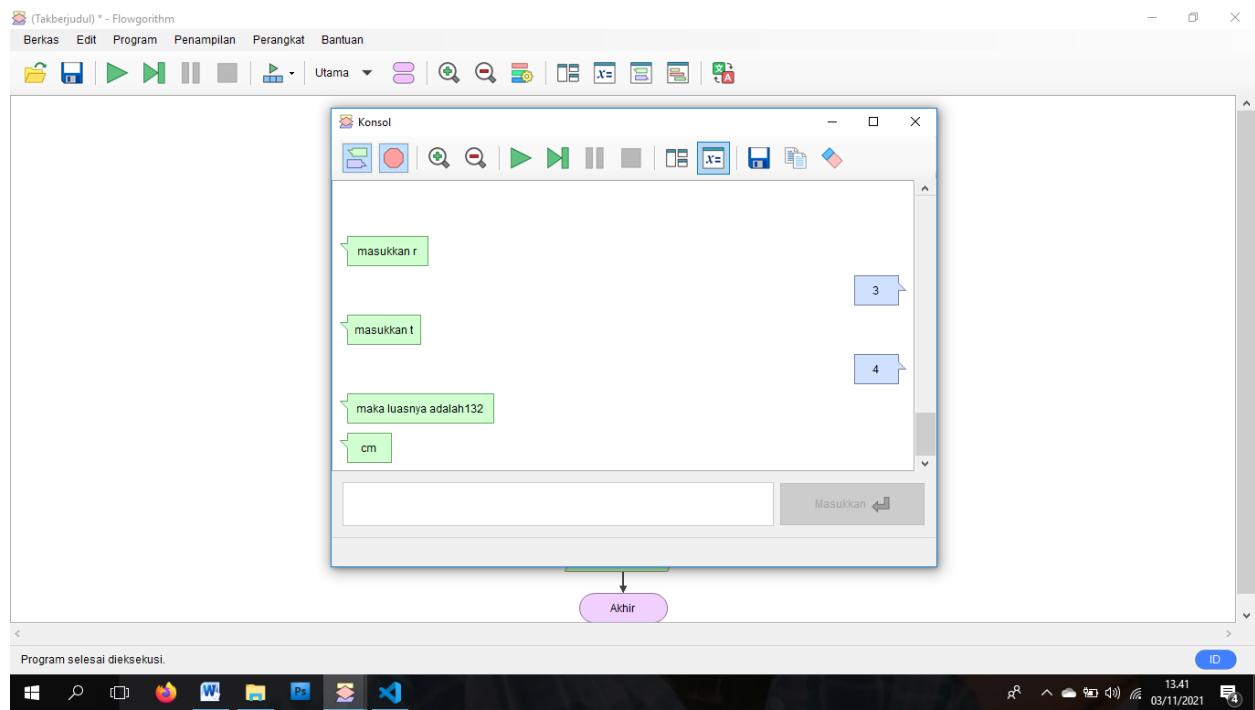


```
0 print("masukkan r")
1 r = float(input())
2 print("masukkan t")
3 t = float(input())
4 luas = float(2 * 22) / 7 * r * t + float(2 * 22) / 7 * r * r
5 print("maka luasnya adalah" + str(luas))
6 print("cm")
```

The screenshot shows the Python code corresponding to the flowchart. The code prompts the user to enter the radius (r) and height (t), calculates the area using the formula $luas = 2\pi r t + 2\pi r^2$, and then prints the result along with the unit (cm²).



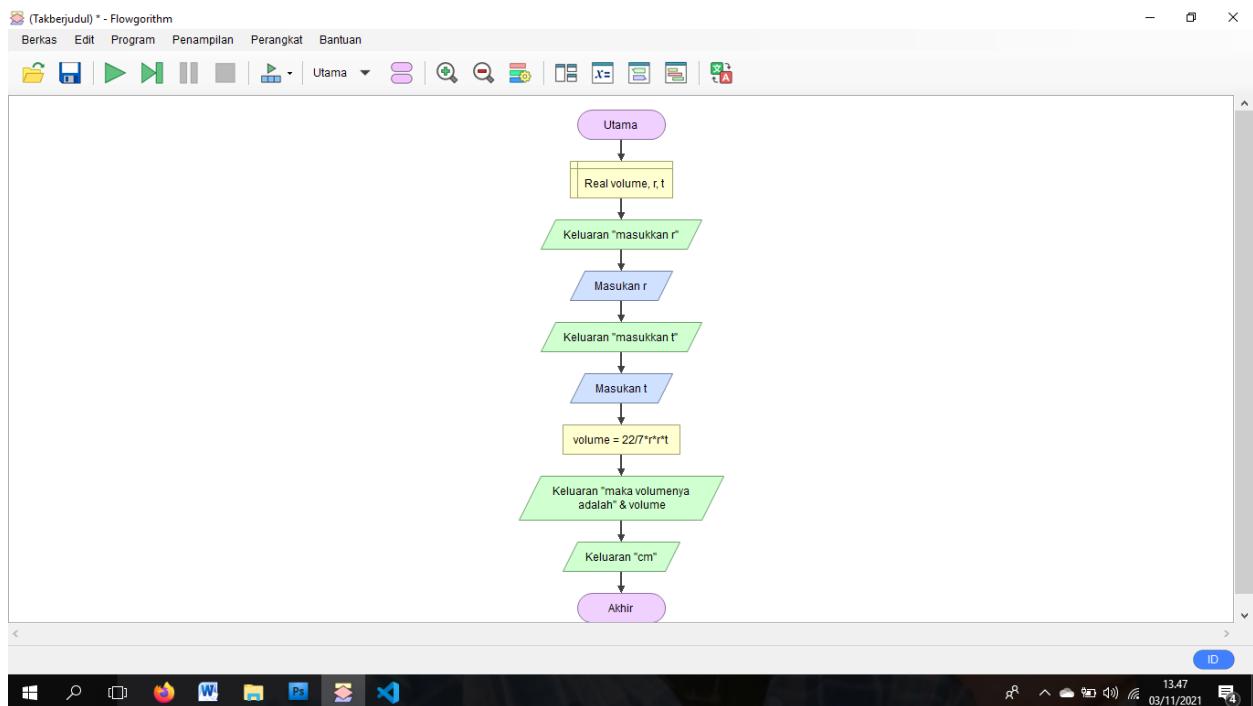
Edit dengan WPS Office



- Volume



Edit dengan WPS Office



```

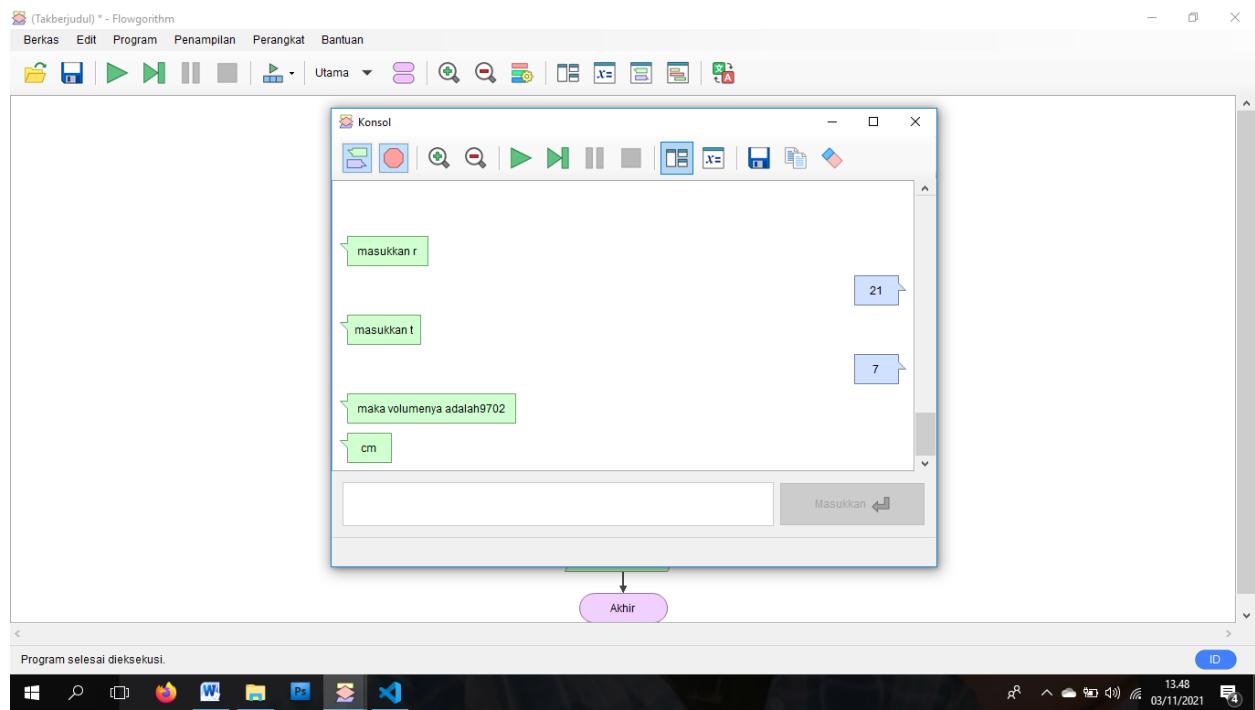
print("masukkan r")
r = float(input())
print("masukkan t")
t = float(input())
volume = float(22) / 7 * r * r * t
print("maka volumenya adalah" + str(volume))
print("cm")

```

The screenshot shows the Python code corresponding to the flowchart. The code prompts the user to input the radius (r) and height (t), calculates the volume using the formula $\text{volume} = \frac{22}{7} \times r \times r \times t$, prints the calculated volume, and then prints "cm". An arrow points from the bottom of the code area to the final "Akhir" state in the flowchart.



Edit dengan WPS Office



The screenshot shows a Visual Studio Code window with a dark theme. The left sidebar shows a file tree with 'tiyi.py' selected. The main editor area contains the following Python code:

```
C:\Users\lenovo>OneDrive>Dokumen> tiyi.py > ...
1 print("masukkan r")
2 r = float(input())
3 print("masukkan t")
4 t = float(input())
5 volume = float(22) / 7 * r * r * t
6 print("maka volumenya adalah" + str(volume))
7 print("cm")
8
```

The terminal tab at the bottom shows the execution of the code and its output:

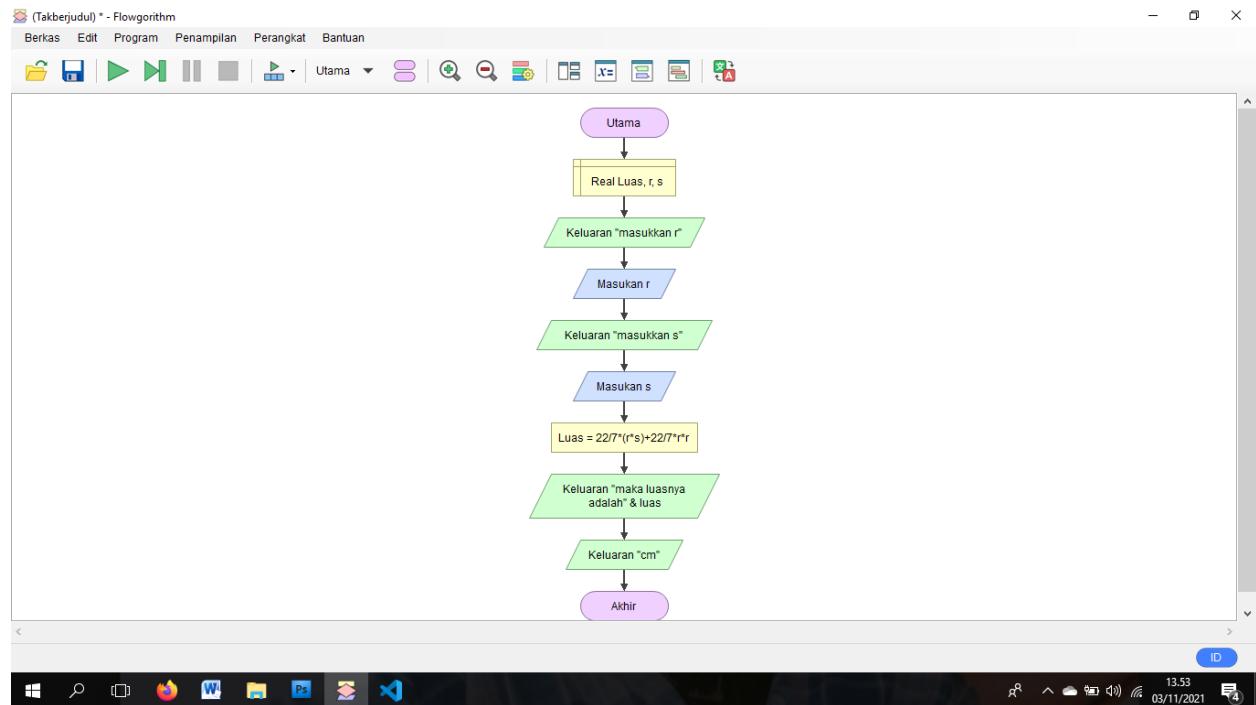
```
4
maka luasnya adalah132.0
cm
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/OneDrive/Dokumen/tiyi.py
masukkan r
21
masukkan t
7
maka volumenya adalah9702.0
cm
PS D:\Belajar Python>
```

Kerucut



Edit dengan WPS Office

- Luas

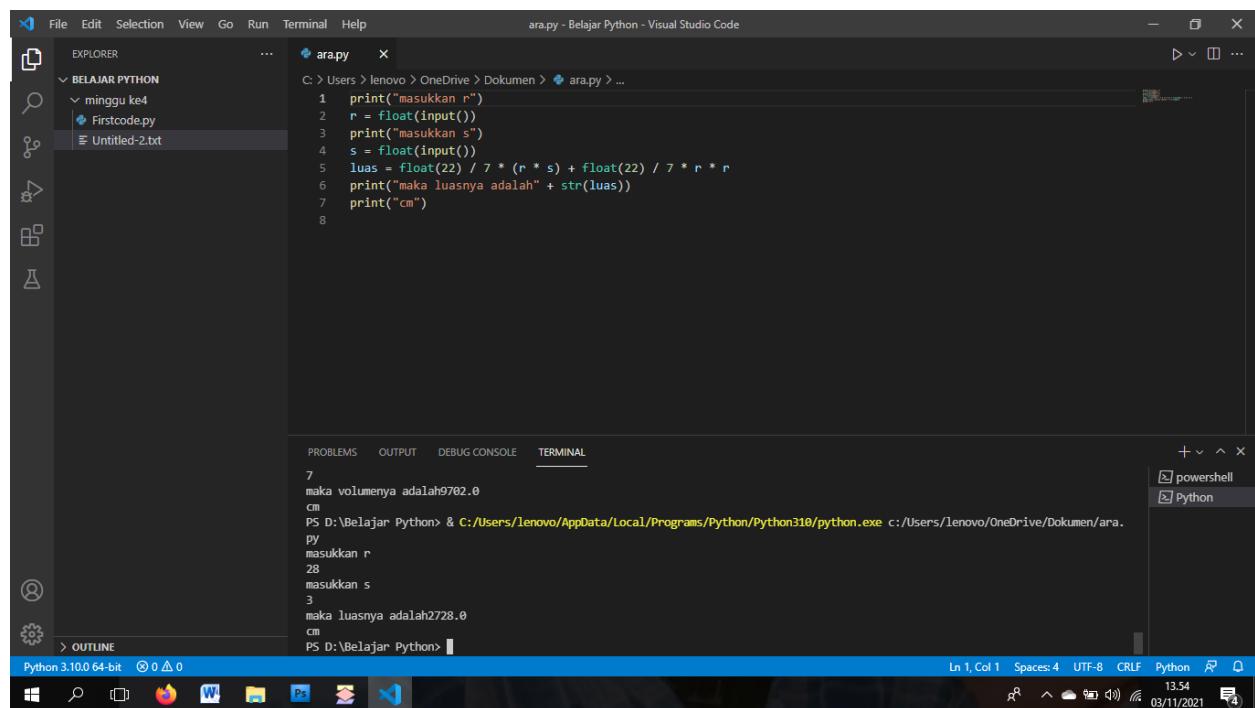
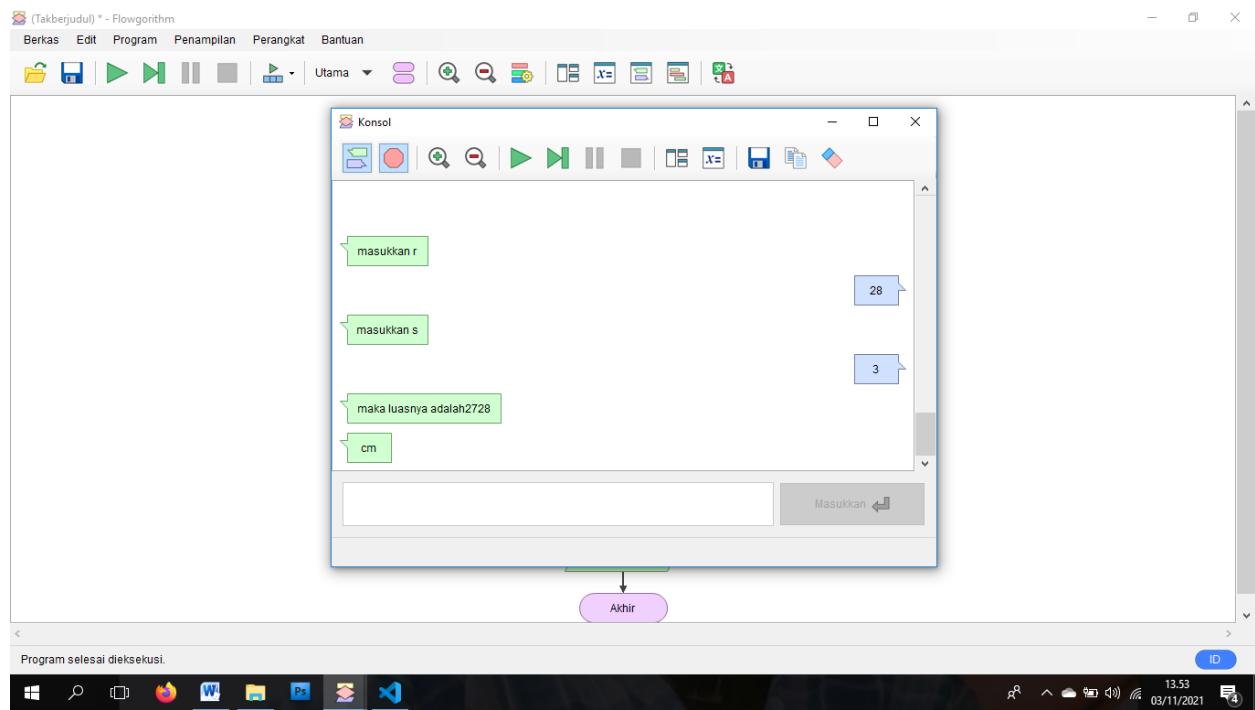


```
0 print("masukkan r")
1 r = float(input())
2 print("masukkan s")
3 s = float(input())
4 luas = float(22) / 7 * (r * s) + float(22) / 7 * r * r
5 print("maka luasnya adalah" + str(luas))
6 print("cm")
```

The screenshot shows the Python source code corresponding to the flowchart. The code prompts the user to enter the radius (r) and side (s), calculates the area using the formula $\text{luas} = \frac{22}{7} * (r * s) + \frac{22}{7} * r^2$, and then prints the result and unit (cm²).



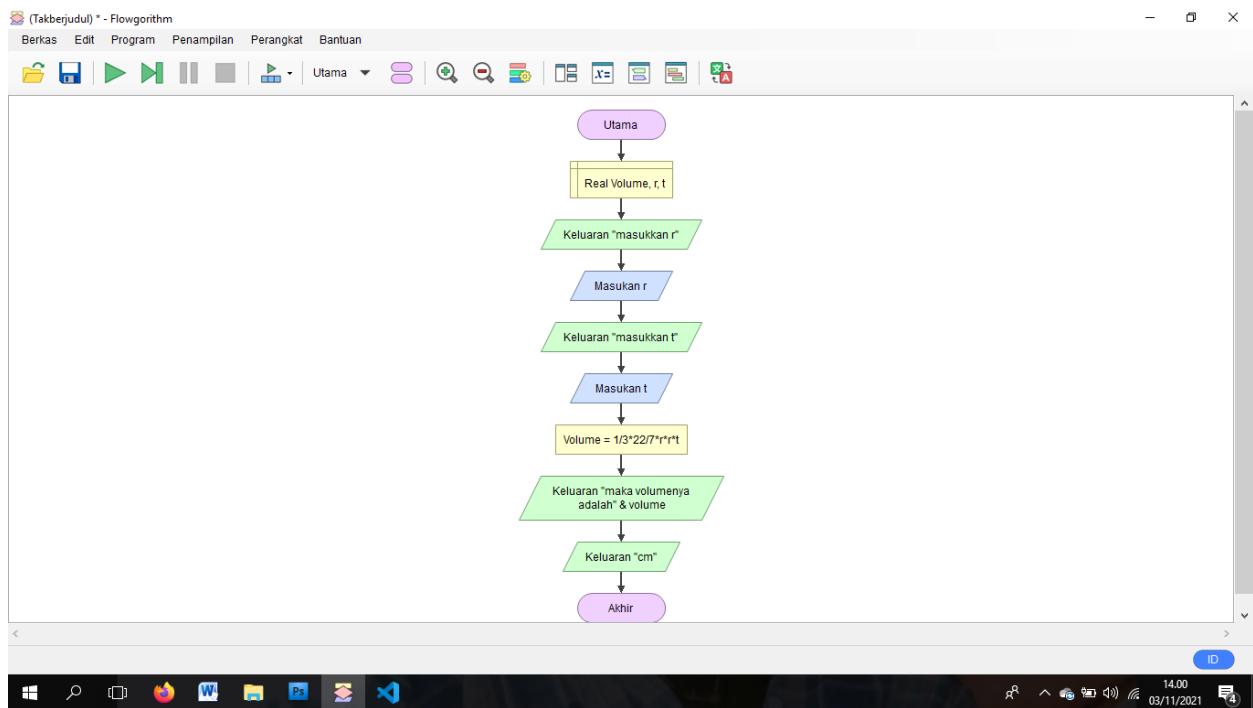
Edit dengan WPS Office



- Volume



Edit dengan WPS Office



```

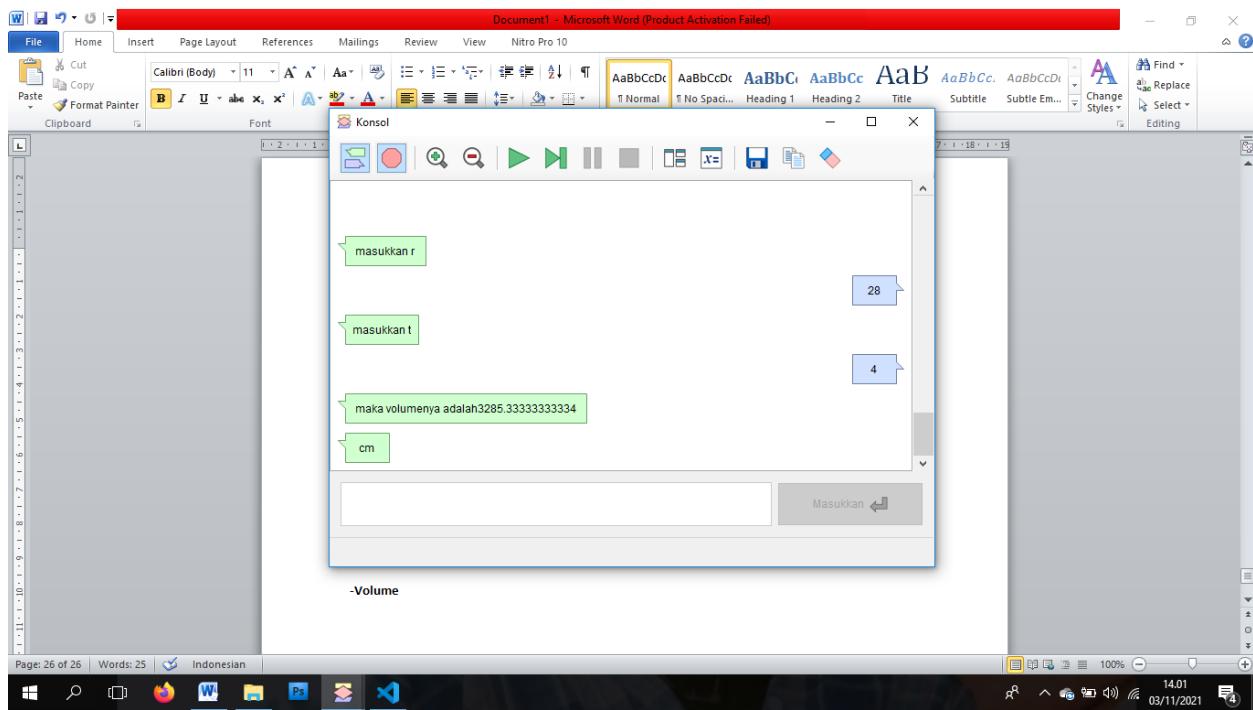
0 print("masukkan r")
1 r = float(input())
2 print("masukkan t")
3 t = float(input())
4 volume = float(1) / 3 * 22 / 7 * r * t
5 print("maka volumenya adalah" + str(volume))
6 print("cm")

```

The screenshot shows the Python code corresponding to the flowchart. The code consists of six numbered lines. Line 0 prints "masukkan r", line 1 reads the input and converts it to a float, line 2 prints "masukkan t", line 3 reads the input and converts it to a float, line 4 calculates the volume using the formula $volume = \frac{1}{3} \times \frac{22}{7} \times r \times t$, line 5 prints the result with a string concatenation, and line 6 prints "cm". An arrow points from the end of the code back to the final "Akhir" state in the flowchart.



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A screenshot of Visual Studio Code showing a Python script named "raa.py" in the editor. The code is as follows:

```
1 print("masukkan alas")
2 alas = float(input())
3 print("masukkan tinggi")
4 tinggi = float(input())
5 luas = float(1) / 2 * alas * tinggi
6 print("maka luas dari segitiga tersebut adalah" + str(luas))
7 print("cm")
```

The terminal tab shows the output of running the script:

```
3
maka luasnya adalah2728.0
cm
PS D:\Belajar Python> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/OneDrive/Dokumen/raa.py
masukkan alas
28
masukkan tinggi
4
maka luas dari segitiga tersebut adalah56.0
cm
PS D:\Belajar Python>
```

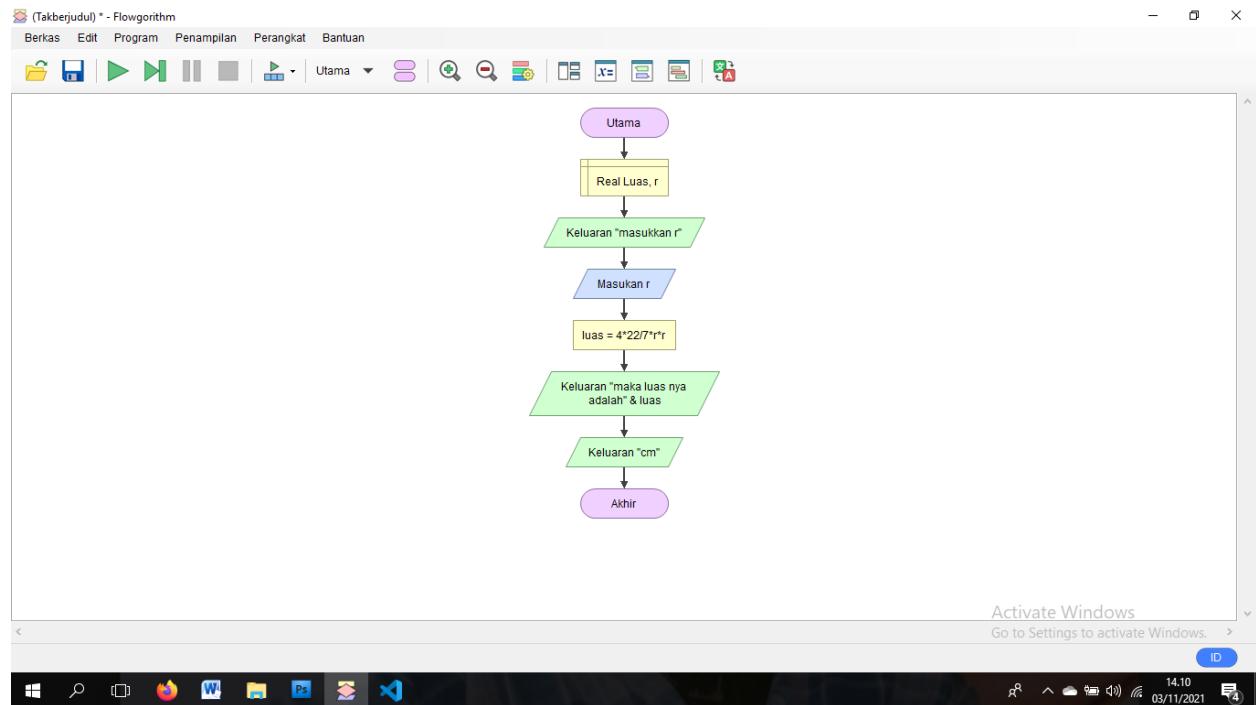
The status bar at the bottom shows the Python version as "Python 3.10.0 64-bit" and the file path as "C:\Users\lenovo\OneDrive\Dokumen\raa.py".

Bola



Edit dengan WPS Office

- Luas

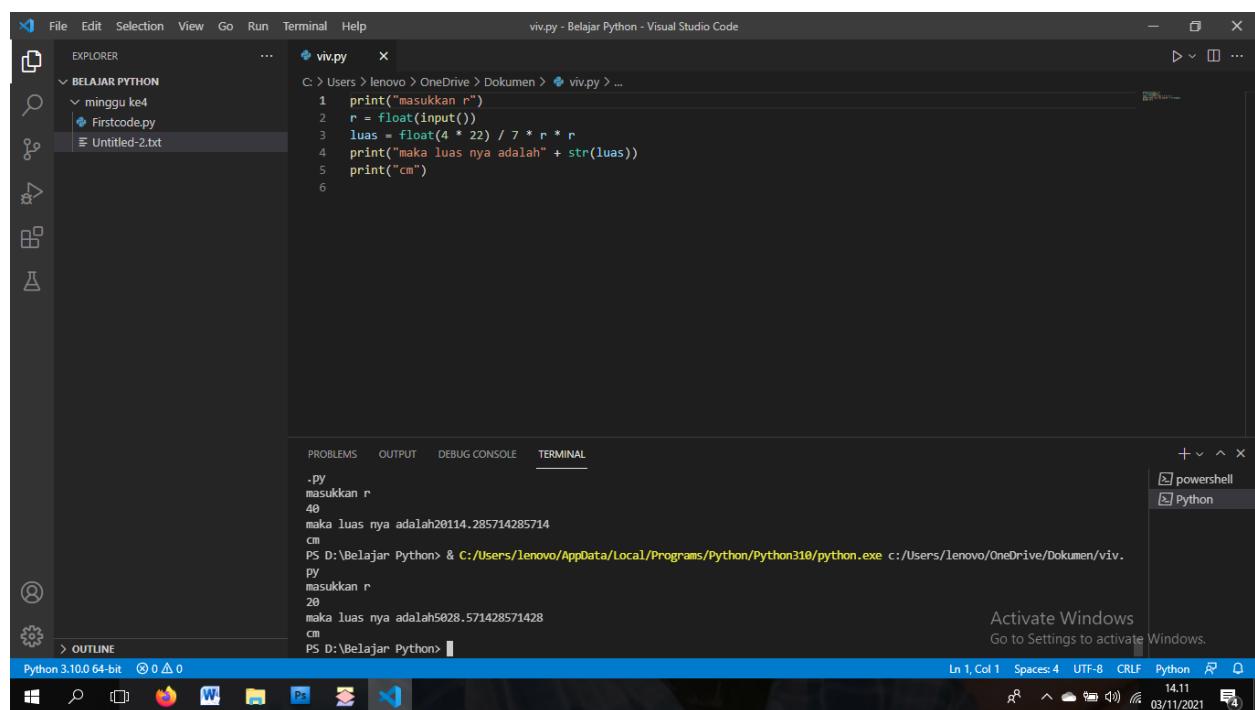
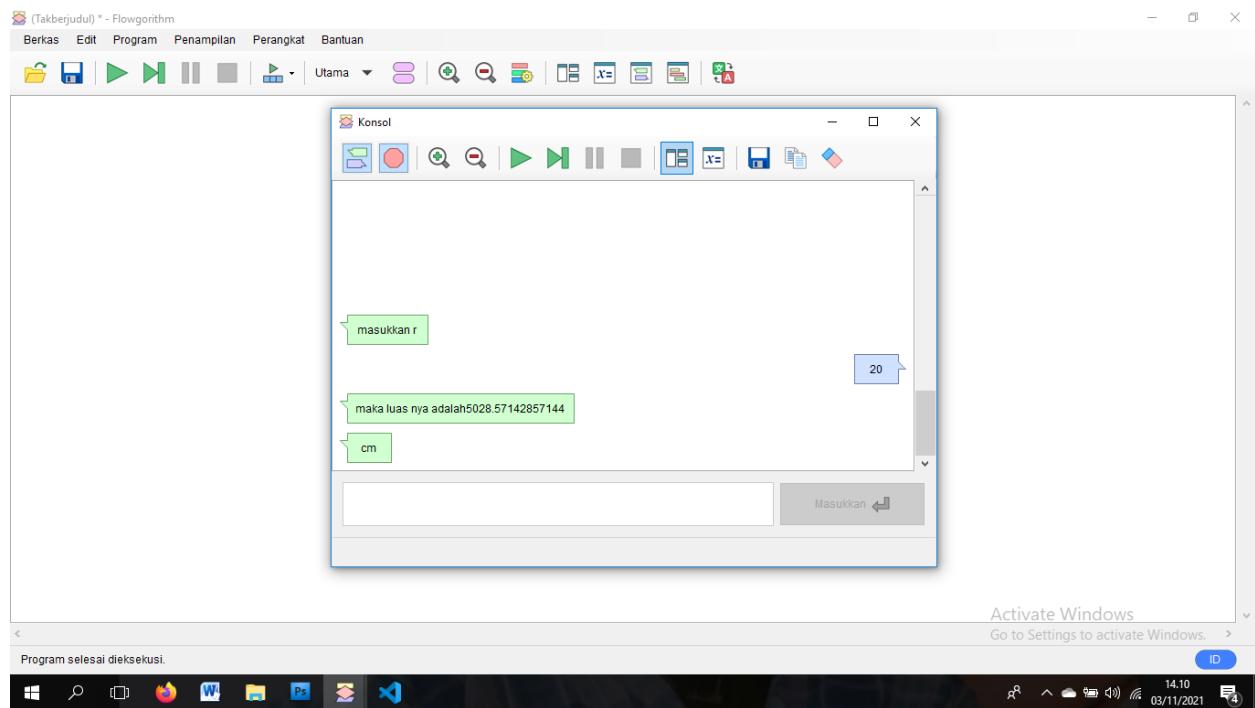


```
0 print("masukkan r")
1 r = float(input())
2 luas = float(4 * 22) / 7 * r * r
3 print("maka luas nya adalah" + str(luas))
4 print("cm")
```

The screenshot shows the Python code for calculating the area of a circle. The code uses the formula $\text{luas} = \frac{4 \times 22}{7} \times r \times r$. It first prints a prompt for the radius, reads it from the user, calculates the area, prints the result, and finally prints the unit "cm".



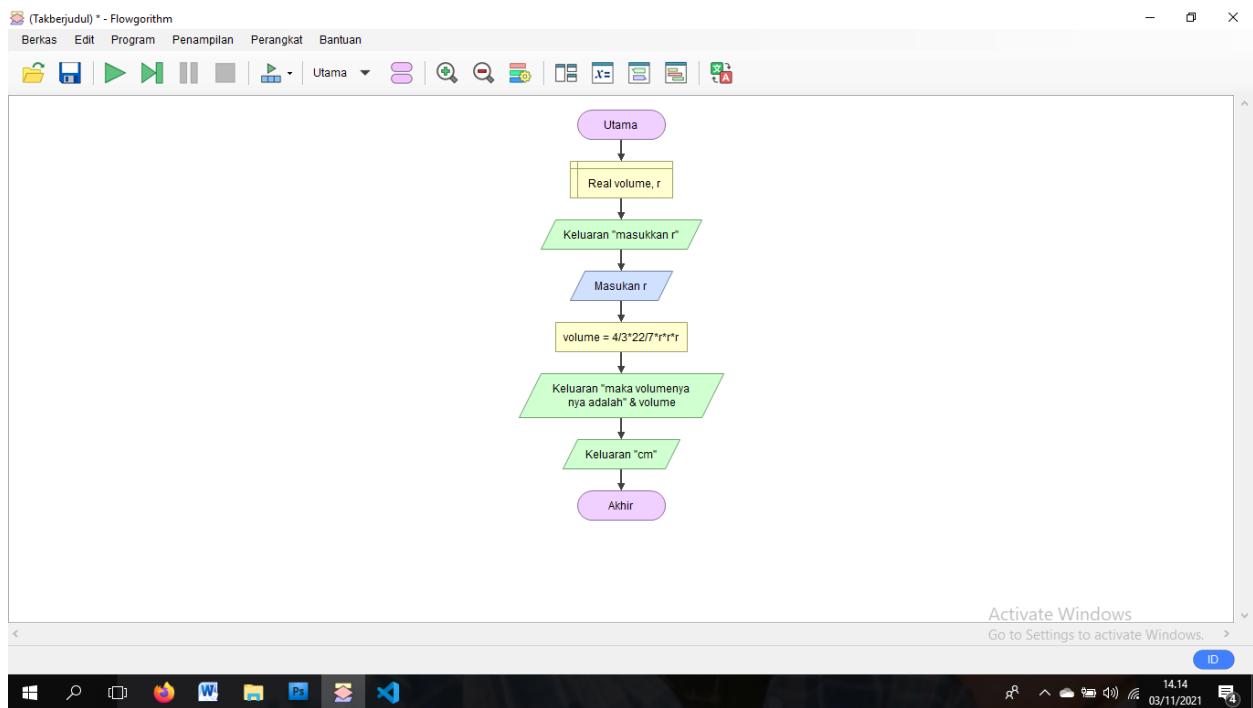
Edit dengan WPS Office



- Volume



Edit dengan WPS Office



```

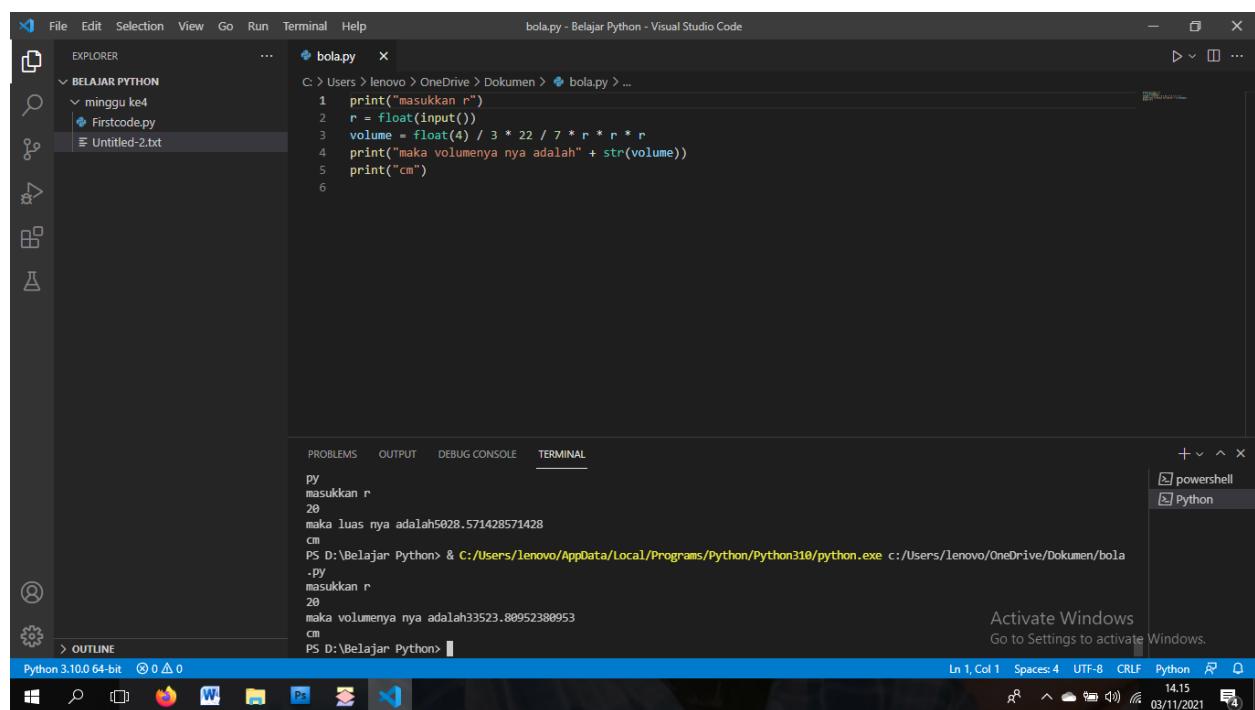
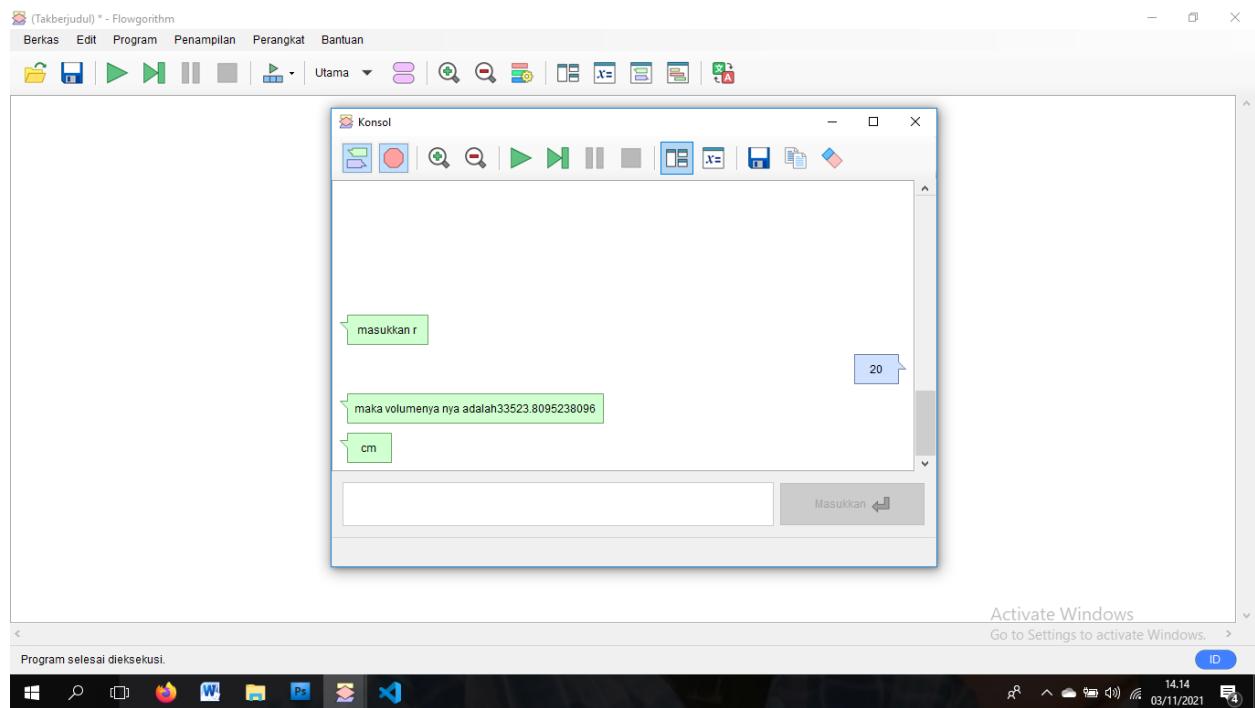
print("masukkan r")
r = float(input())
volume = float(4) / 3 * 22 / 7 * r * r * r
print("maka volumenya nya adalah" + str(volume))
print("cm")

```

The screenshot shows a Python code editor window titled "Penampil Kode Sumber". The code is written in Python and calculates the volume of a sphere based on user input for radius. The code uses the formula $\text{volume} = \frac{4}{3} \pi r^3$. The output is formatted to include the string "maka volumenya nya adalah" followed by the calculated volume and "cm".



Edit dengan WPS Office



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