

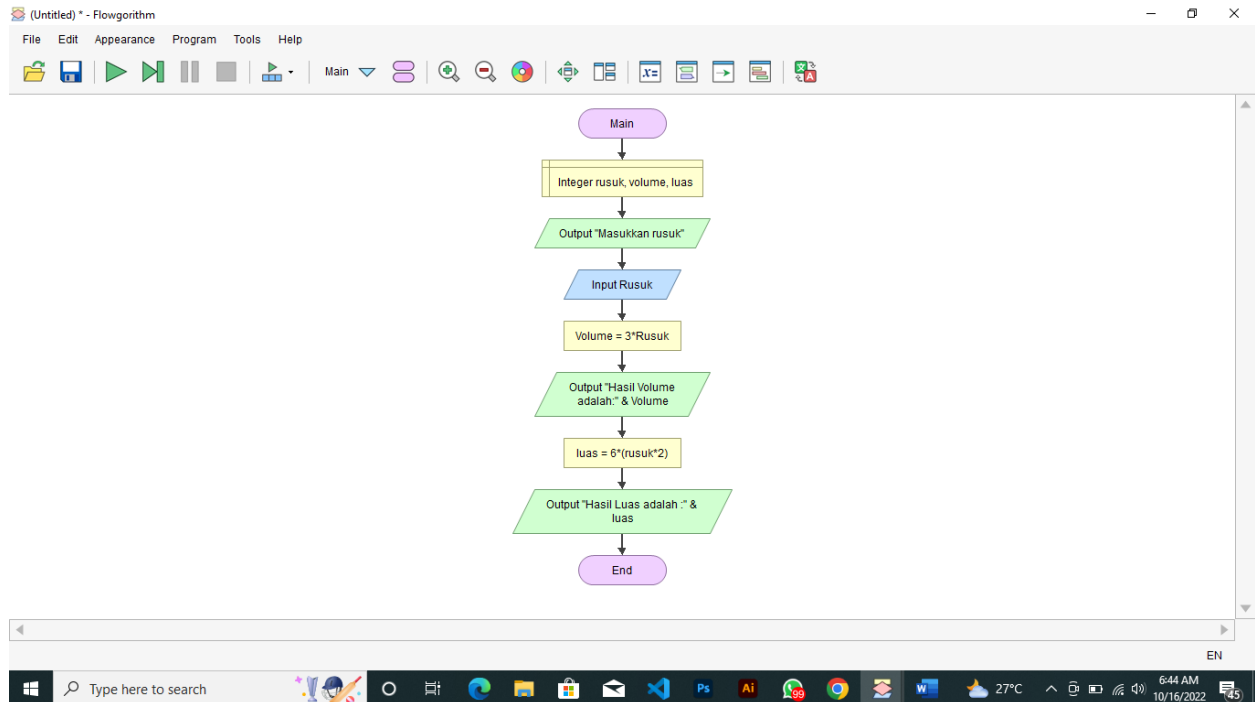
NAMA : FIRZA MAULANA

NIM : 211001038

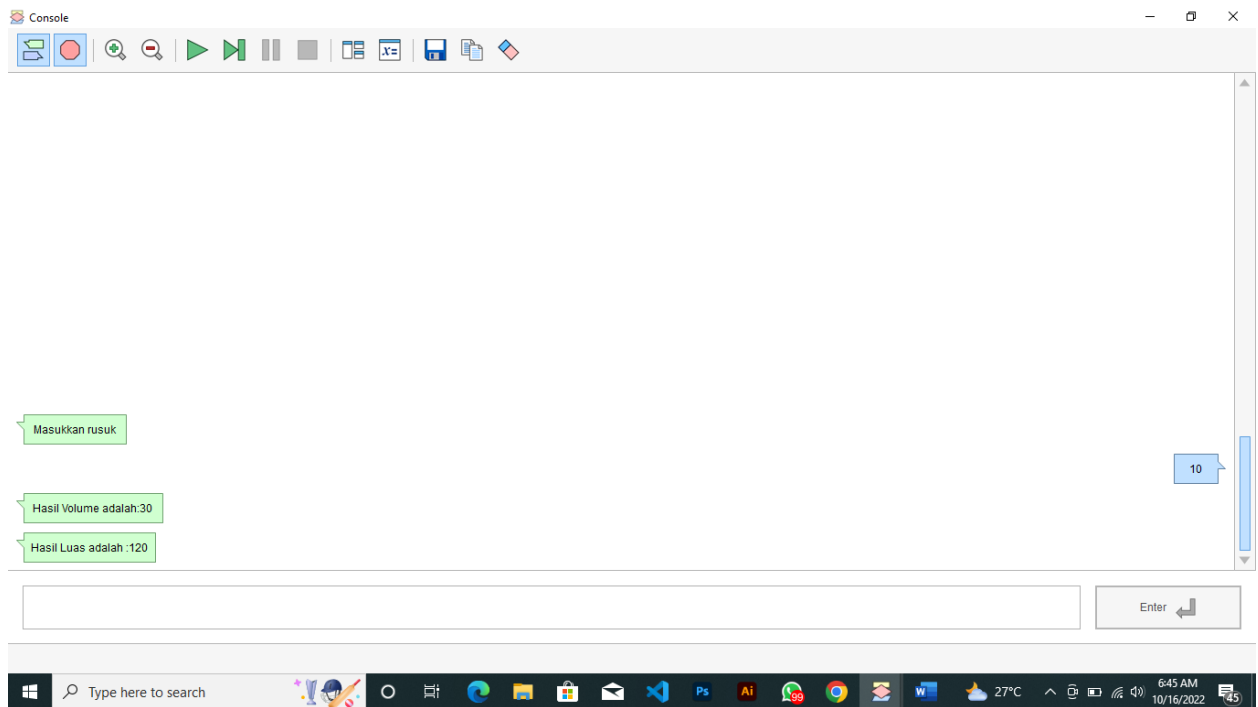
KELAS : D/KECERDASAN BUATAN

1. Kubus

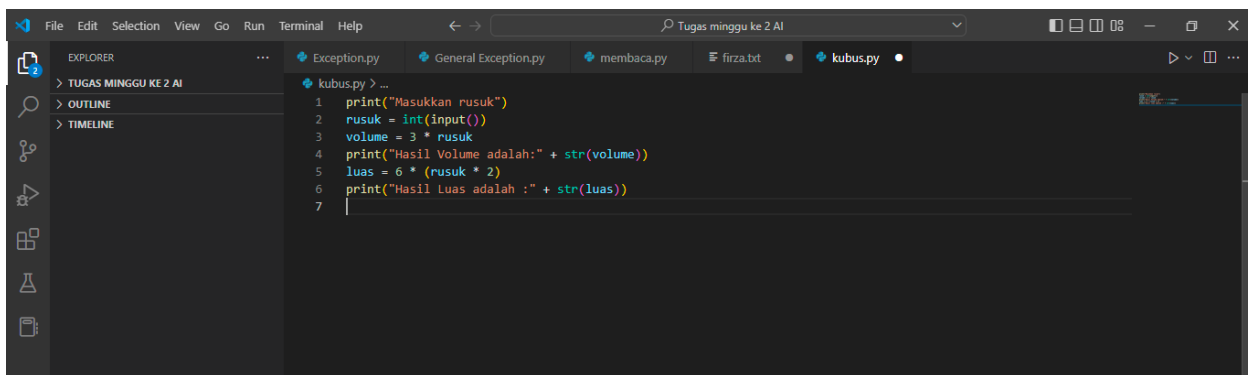
Flowchart



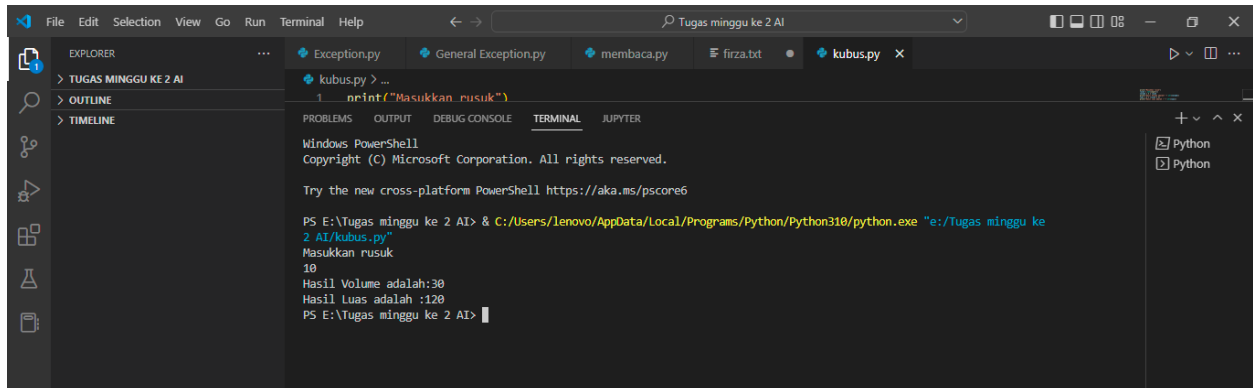
Run Flowchart



VS Code



Run VS Code



The screenshot shows the VS Code interface with a file explorer on the left containing 'TUGAS MINGGU KE 2 AI'. The main editor displays a Python file 'kubus.py' with the following code:

```
1 print("Masukkan rusuk")
```

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

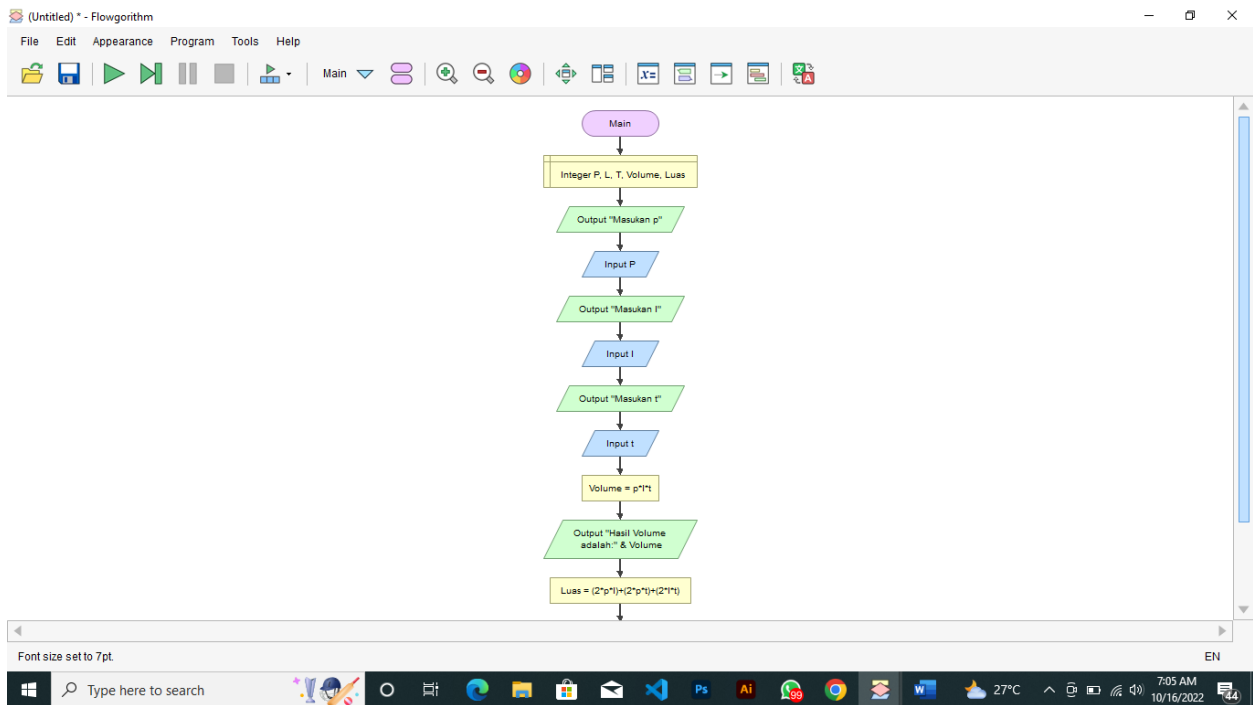
```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Tugas minggu ke 2 AI/kubus.py"
Masukkan rusuk
10
Hasil Volume adalah:30
Hasil Luas adalah :120
PS E:\Tugas minggu ke 2 AI>
```

2. Balok

Flowchart



Run Flowchart

Masukan p

Masukan l

Masukan t

Hasil Volume adalah:24000

Hasil luas adalah:5200

20

30

40

Enter

Type here to search

Tugas minggu ke 2 AI

Ps

Ai

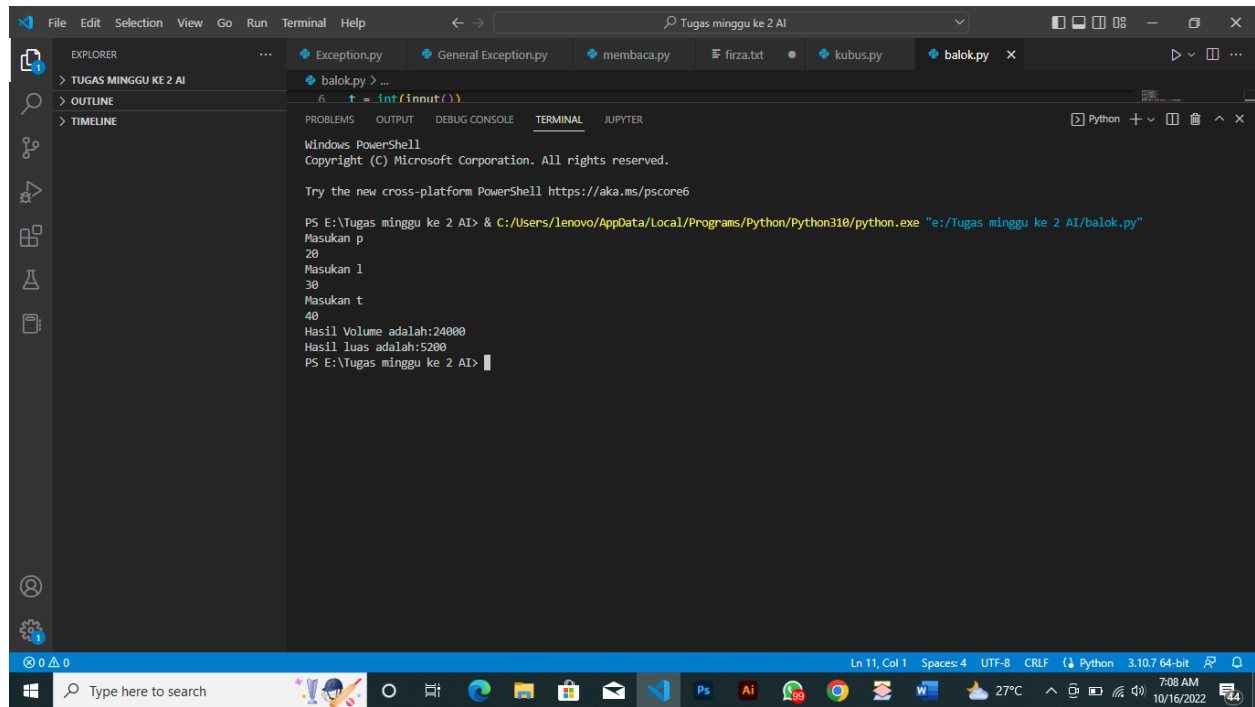
27°C

7:05 AM 10/16/2022

VS CODE

```
1 print("Masukan p")
2 p = int(input())
3 print("Masukan l")
4 l = int(input())
5 print("Masukan t")
6 t = int(input())
7 volume = p * l * t
8 print("Hasil Volume adalah:" + str(volume))
9 luas = 2 * p * l + 2 * p * t + 2 * l * t
10 print("Hasil luas adalah:" + str(luas))
11
```

Run VS CODE



The screenshot shows the Visual Studio Code interface with a Python file named `balok.py` open. The file contains a simple program that calculates the volume and surface area of a rectangular prism (balok) based on user input for length (`p`), width (`l`), and height (`t`). The program uses the formulas $V = p \times l \times t$ and $L = 2 \times (p \times l + p \times t + l \times t)$. The terminal window shows the execution of the program, with the user entering the values 20, 30, and 40, resulting in a volume of 24000 and a surface area of 5200.

```
Exception.py  General Exception.py  membaca.py  firza.txt  kubus.py  balok.py x
TUGAS MINGGU KE 2 AI
> TUGAS MINGGU KE 2 AI
> OUTLINE
> TIMELINE

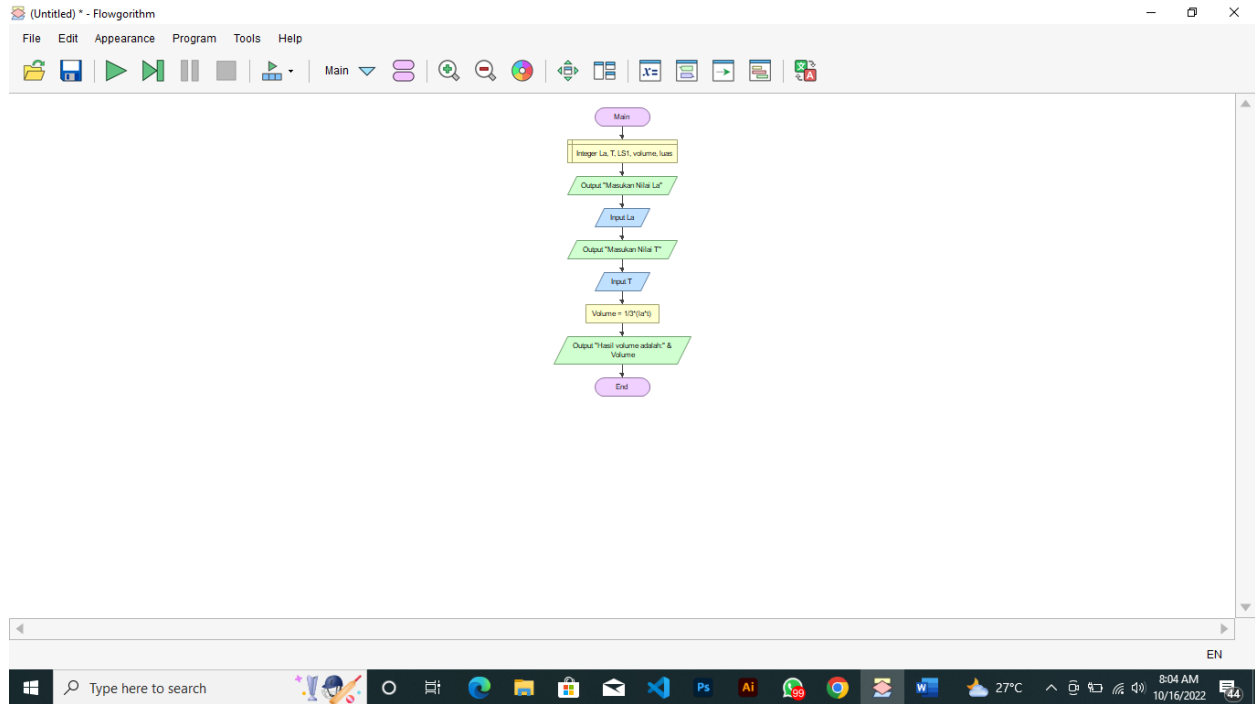
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  JUPYTER
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

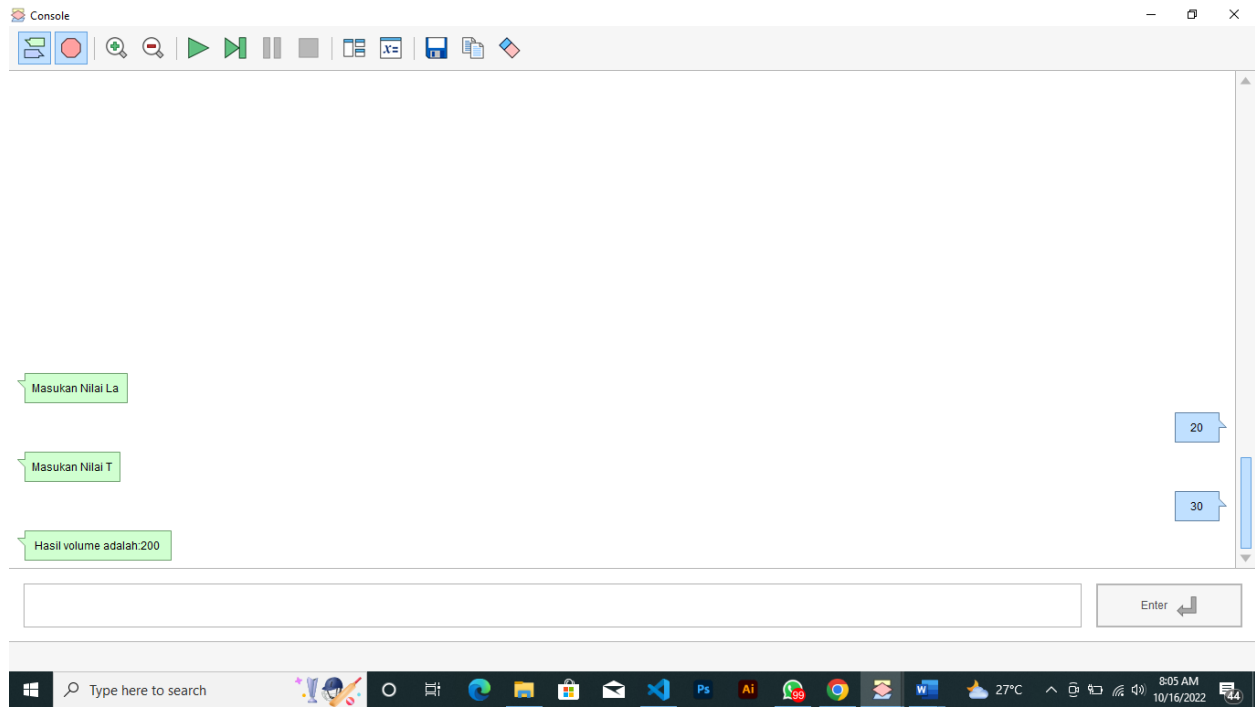
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Tugas minggu ke 2 AI/balok.py"
Masukan p
20
Masukan l
30
Masukan t
40
Hasil Volume adalah:24000
Hasil luas adalah:5200
PS E:\Tugas minggu ke 2 AI>
```

3. Limas segiempat

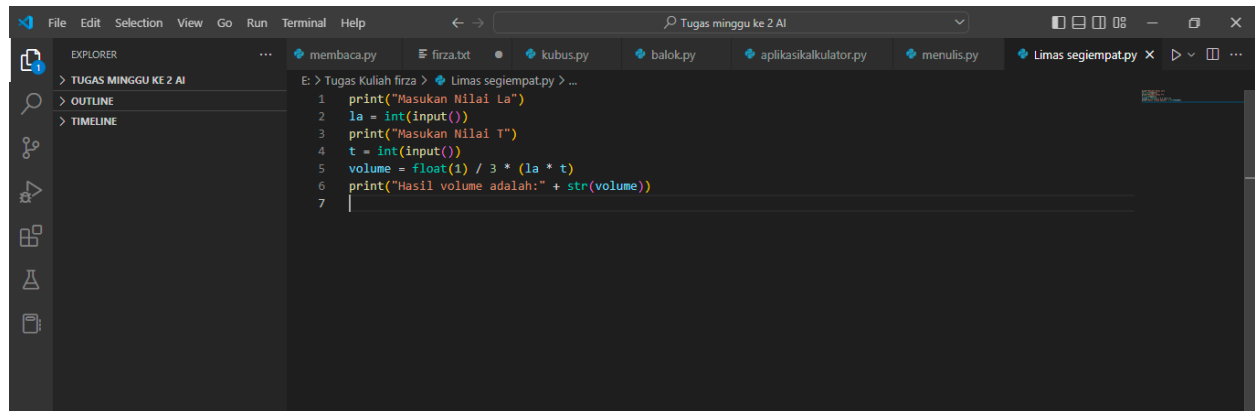
Flowchart



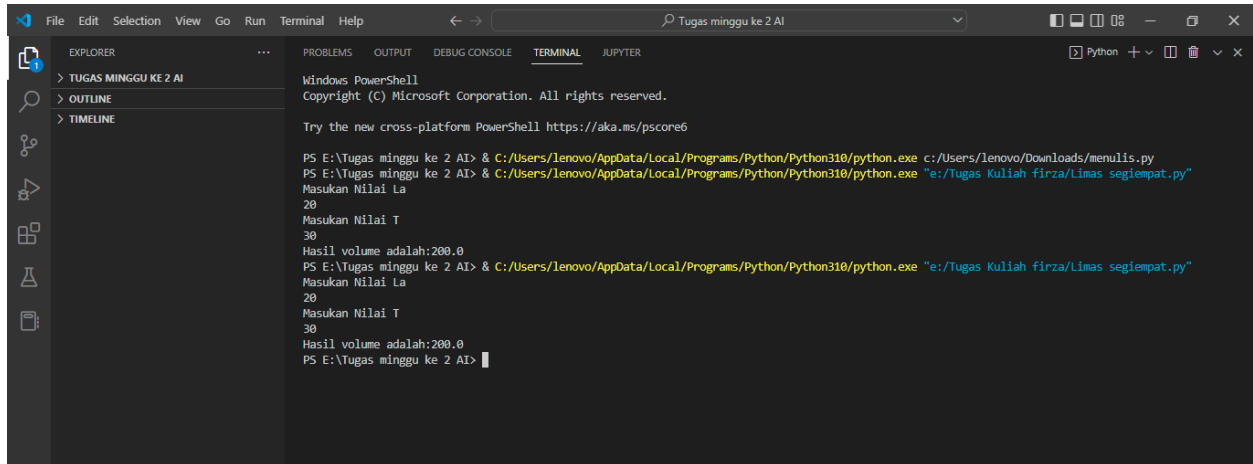
Run flowchart



VS CODE



Run vs code



The screenshot shows the Visual Studio Code editor with a terminal window open. The terminal is running a Windows PowerShell session. The commands and output are as follows:

```
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe c:/Users/lenovo/Downloads/menulis.py
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Tugas Kuliah firza/Limas segiempat.py"
Masukan Nilai La
20
Masukan Nilai T
30
Hasil volume adalah:200.0
PS E:\Tugas minggu ke 2 AI> & C:/Users/lenovo/AppData/Local/Programs/Python/Python310/python.exe "e:/Tugas Kuliah firza/Limas segiempat.py"
Masukan Nilai La
20
Masukan Nilai T
30
Hasil volume adalah:200.0
PS E:\Tugas minggu ke 2 AI>
```