

Nama : Rally Raymanda

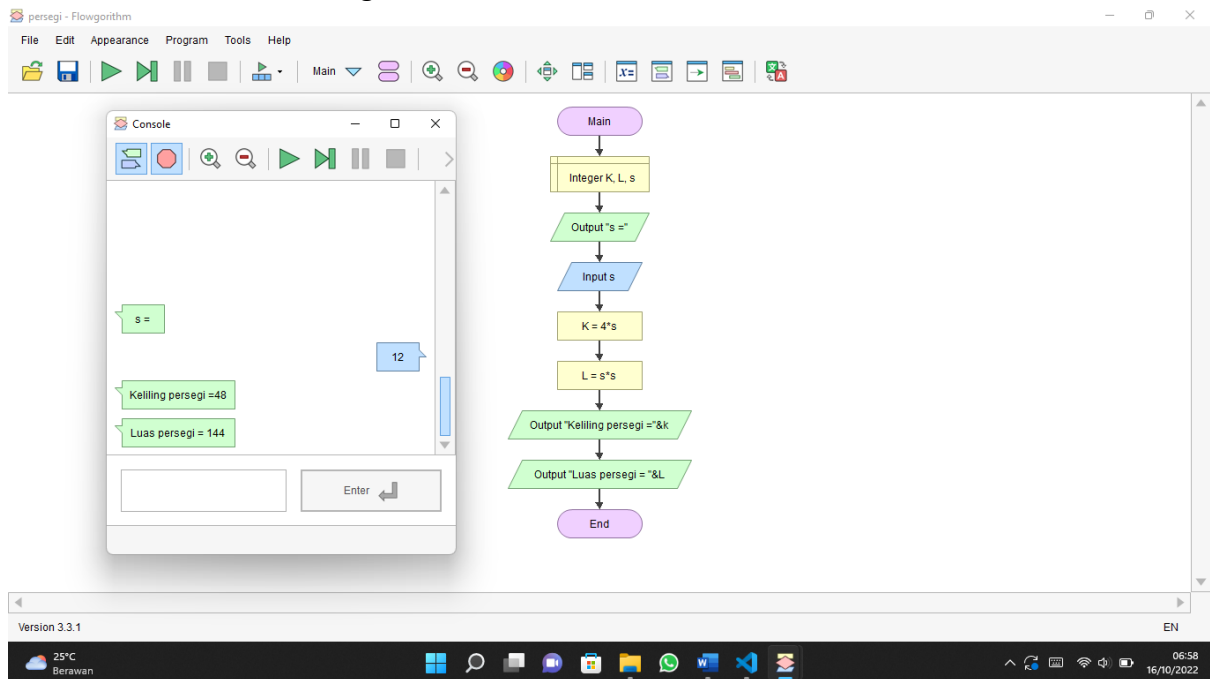
Nim : 211001012

Kelas : D

TUGAS KE – 11

1. Persegi

- Praktik Flowgorithm



- Praktik Vscod

The VS Code interface shows a Python script named `10. Persegi.py` with the following code:

```
1 s = int(input("s = "))
2
3 k = 4 * s
4 l = s * s
5
6 print("Keliling persegi = " + str(k))
7 print("Luas persegi = " + str(l))
```

The terminal window shows the following output:

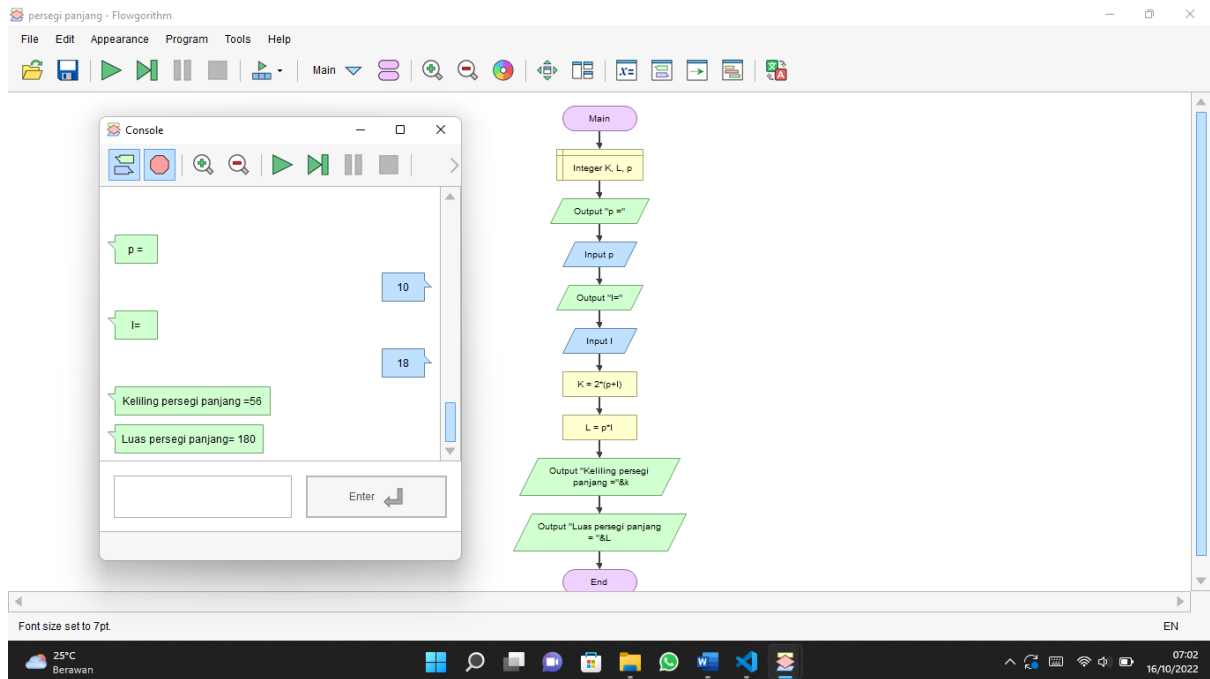
```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\USER\Documents\Python vscode> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymanda/10. Persegi.py"
s = 12
Keliling persegi = 48
Luas persegi = 144
PS C:\Users\USER\Documents\Python vscode>
```

2. Persegi Panjang

- Praktik Flowgorithm



- Praktik Vscod

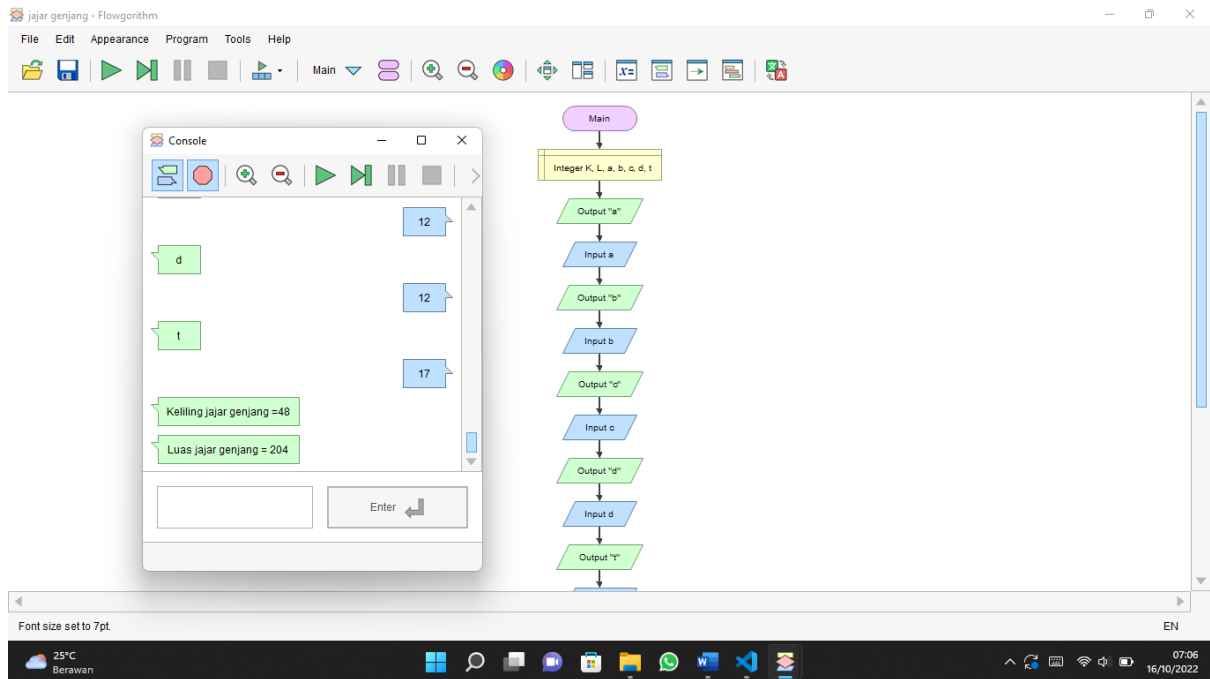
The Visual Studio Code interface shows a Python script named '11. Persegi panjang.py'. The script contains the following code:

```
1 p = int(input("p = "))
2 l = int(input("l = "))
3 k = 2 * (p + l)
4 l = p * l
5 print("Keliling persegi panjang = " + str(k))
6 print("Luas persegi panjang = " + str(l))
```

The terminal window at the bottom shows the execution of the script using the command: `PS C:\Users\USER\Documents\Python vscode> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/11. Persegi panjang.py"`. The output matches the Flowgorithm results: `p = 10`, `l = 18`, `Keliling persegi panjang = 56`, and `Luas persegi panjang = 180`.

3. Jajar genjang

- Praktik Flowgorithm



- Praktik Vscod

The screenshot shows the Visual Studio Code editor with a Python file named '12. Jajar genjang.py'. The code defines variables a, b, c, d, t, K, and L, and calculates the perimeter and area of a trapezoid. The terminal window at the bottom shows the execution output, which matches the results from the Flowgorithm console: 'a = 12', 'b = 12', 'c = 12', 'd = 12', 't = 17', 'Keliling jajar genjang = 48', and 'Luas jajar genjang = 204'. The status bar at the bottom indicates the file is a Python 3.10.7 script.

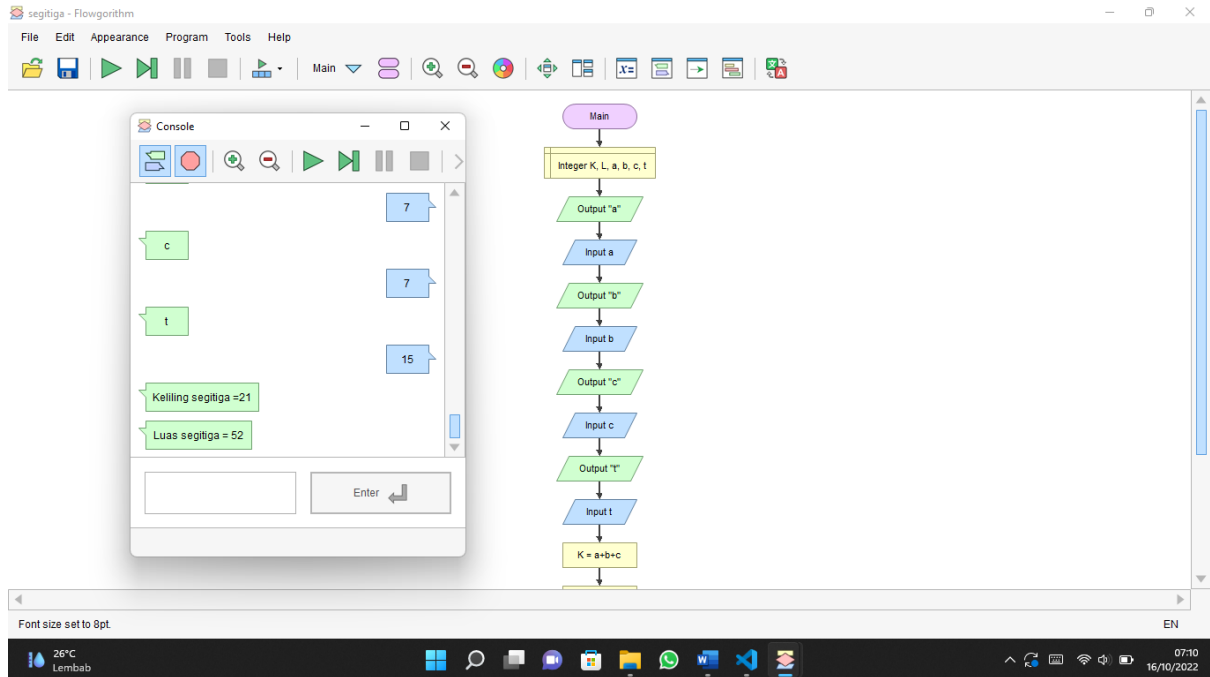
```
1 a = int(input("a = "))
2 b = int(input("b = "))
3 c = int(input("c = "))
4 d = int(input("d = "))
5 t = int(input("t = "))
6 K = a + b + c + d
7 L = a * t
8 print("Keliling jajar genjang = " + str(K))
9 print("Luas jajar genjang = " + str(L))
```

PS C:\Users\USER\Documents\Python vscode> "c:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/12. Jajar genjang.py"

a = 12
b = 12
c = 12
d = 12
t = 17
Keliling jajar genjang = 48
Luas jajar genjang = 204
PS C:\Users\USER\Documents\Python vscode>

4. Segitiga

- Praktik Flowgorithm



- Praktik Vscode

The screenshot shows the Visual Studio Code editor with a Python script named '13. Segitiga.py'. The script takes inputs for sides a, b, c and height t, calculates the perimeter K and area L, and prints the results. The terminal window shows the execution output.

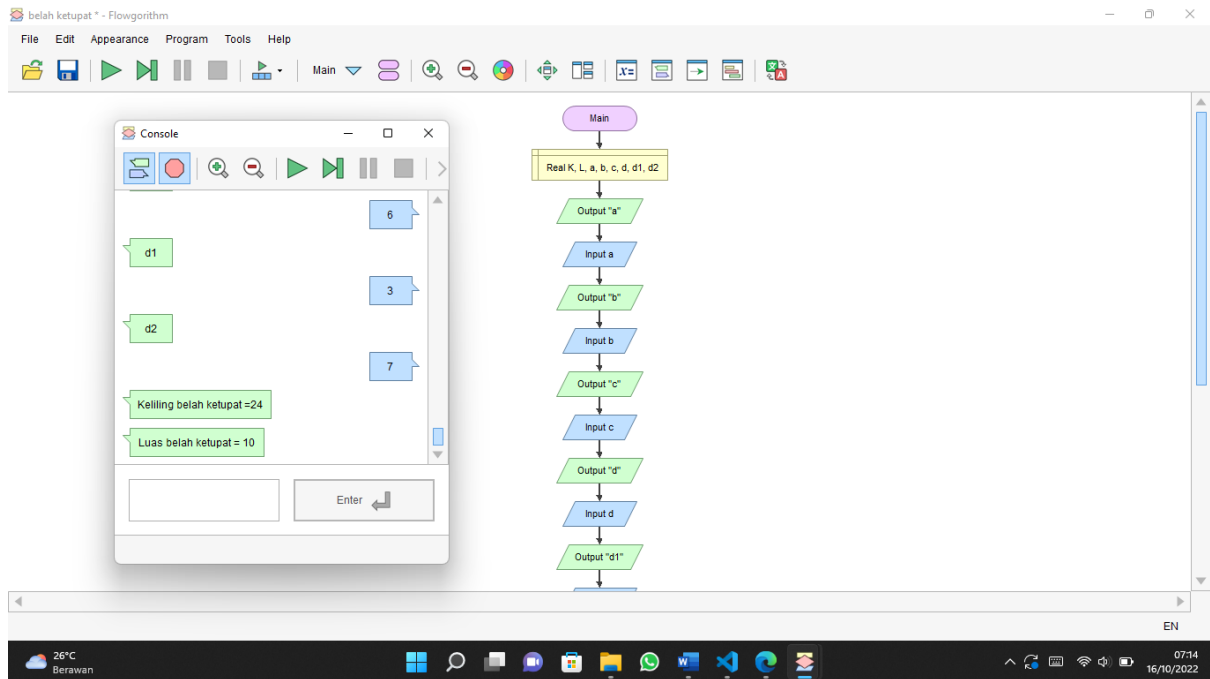
```
1 a = int(input("a = "))
2 b = int(input("b = "))
3 c = int(input("c = "))
4 t = int(input("t = "))
5 K = a + b + c
6 L = a * t // 2
7 print("Kelling Segitiga = " + str(K))
8 print("Luas Segitiga = " + str(L))
```

Terminal Output:

```
PS C:\Users\USER\Documents\Python vscode> "c:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/13. Segitiga.py"
a = 7
b = 7
c = 7
t = 15
Kelling Segitiga = 21
Luas Segitiga = 52
PS C:\Users\USER\Documents\Python vscode>
```

5. Belah ketupat

- Praktik Flowgorithm



- Praktik Vscod

The VS Code interface shows a Python script named '14. Belah ketupat.py' with the following code:

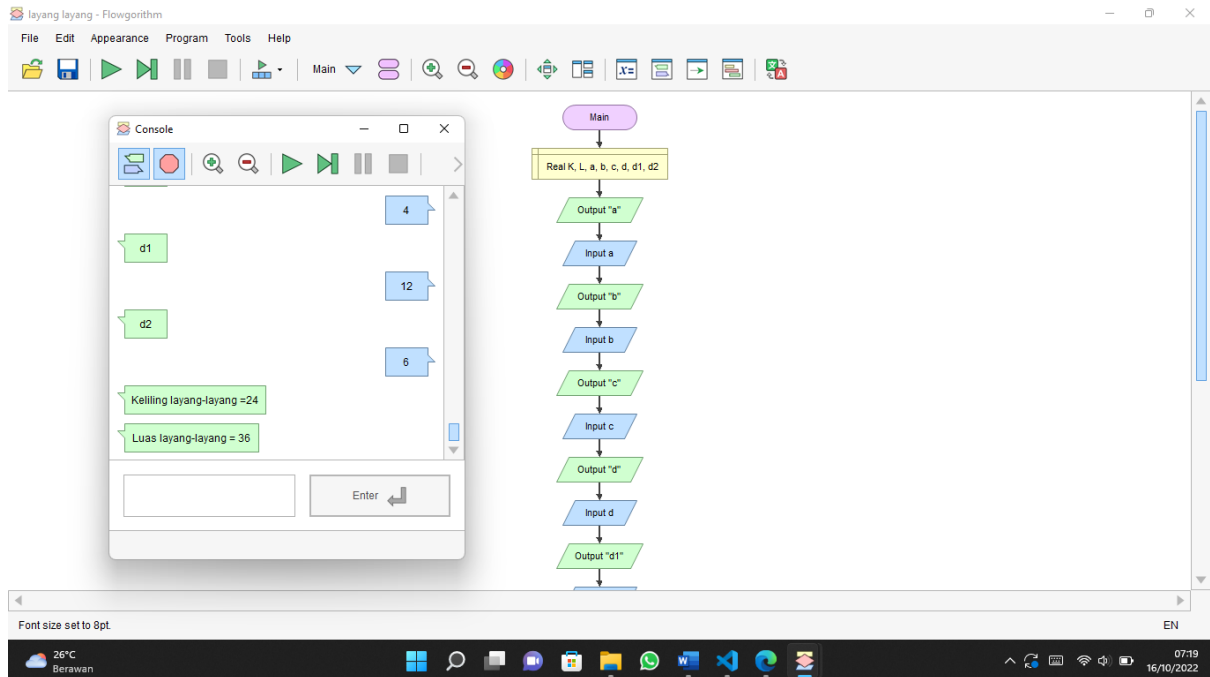
```
1 a = int(input("a = "))
2 b = int(input("b = "))
3 c = int(input("c = "))
4 d = int(input("d = "))
5 d1 = int(input("d1 = "))
6 d2 = int(input("d2 = "))
7 K = a + b + c + d
8 L = d1 * d2 // 2
9 print ("Keliling belah ketupat = " + str (K))
10 print ("Luas belah ketupat = " + str (L))
```

The terminal output shows the execution results:

```
PS C:\Users\USER\Documents\Python vscode> & "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymanda/14. Belah ketupat.py"
a = 6
b = 6
c = 6
d = 6
d1 = 3
d2 = 7
Keliling belah ketupat = 24
Luas belah ketupat = 10
PS C:\Users\USER\Documents\Python vscode>
```

6. Layang – layang

- Praktik Flowgarithm



- Praktik Vscod

The image shows a Visual Studio Code window with a Python file named "15. Layang - layang.py". The code is as follows:

```
1 a = int(input("a = "))
2 b = int(input("b = "))
3 c = int(input("c = "))
4 d = int(input("d = "))
5 d1 = int(input("d1 = "))
6 d2 = int(input("d2 = "))
7 K = a + b + c + d
8 L = d1 * d2 // 2
9 print ("Keliling layang - layang = " + str(K))
10 print ("Luas layang - layang = " + str(L))
```

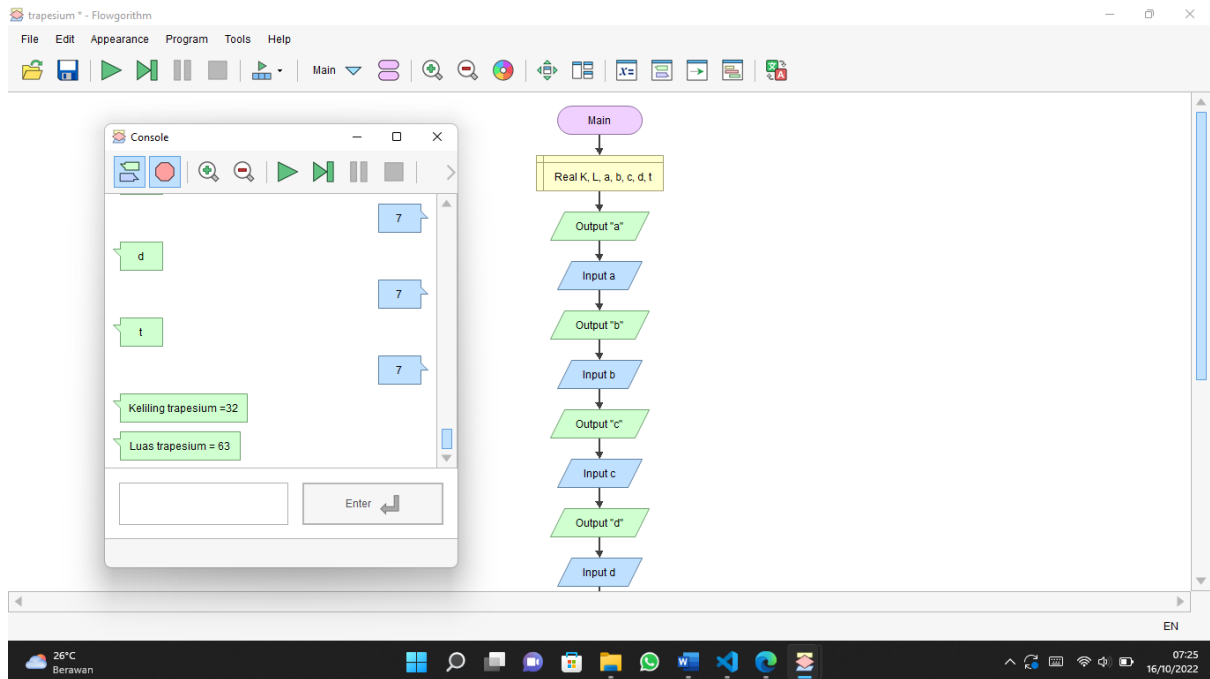
The terminal output shows the execution of the script with the following input and output:

```
PS C:\Users\USER\Documents\Python vscode> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymunda/15. Layang - layang.py"
a = 4
b = 8
c = 8
d = 4
d1 = 12
d2 = 6
Keliling layang - layang = 24
Luas layang - layang = 36
PS C:\Users\USER\Documents\Python vscode>
```

The status bar at the bottom indicates "Ln 10, Col 45", "Spaces: 4", "UTF-8", "CRLF", "Python", "3.10.7 64-bit", and "07:18 16/10/2022".

7. Trapesium

- Praktik Flowgarithm



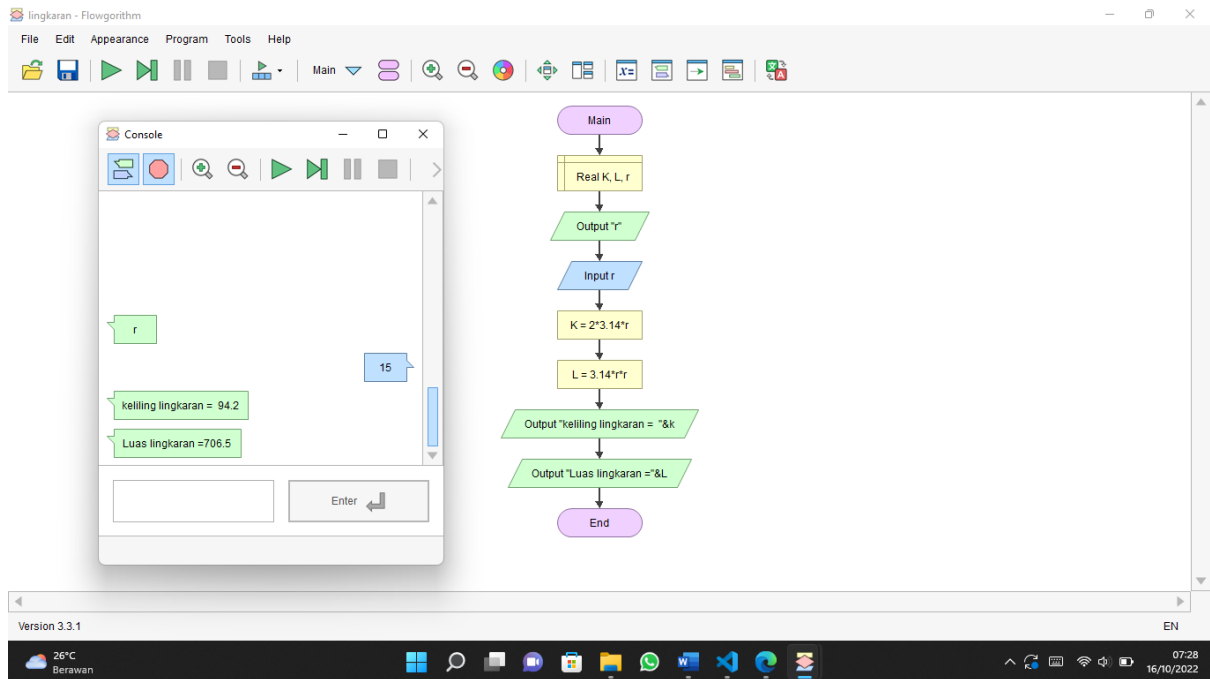
- Praktik Vscod

```
16. Trapesium.py
1 a = int(input("a = "))
2 b = int(input("b = "))
3 c = int(input("c = "))
4 d = int(input("d = "))
5 t = int(input("t = "))
6 K = a + b + c + d
7 L = ((a + b) // 2) * t
8 print("Kelling trapesium = " + str(K))
9 print("Luas trapesium = " + str(L))
```

```
PS C:\Users\USER\Documents\Python vscode> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymندا/16. Trapesium.py"
a = 10
b = 8
c = 7
d = 7
t = 7
Kelling trapesium = 32
Luas trapesium = 63
PS C:\Users\USER\Documents\Python vscode>
```

8. Lingkaran

- Praktik Flowgarithm



- Praktik Vscod

```
17. Lingkaran.py
1 r = int(input("r = "))
2 k = 2 * 3.14 * r
3 l = 3.14 * r * r
4 print("keliling lingkaran =" + str(K))
5 print("Luas lingkaran =" + str(L))
```

Terminal Output:

```
PS C:\Users\USER\Documents\Python vscode> "C:/Program Files/Python310/python.exe" "c:/Users/USER/Documents/Python vscode/Rally Raymندا/17. Lingkaran.py"
r = 15
Keliling lingkaran =94.2
Luas lingkaran =706.5
PS C:\Users\USER\Documents\Python vscode>
```