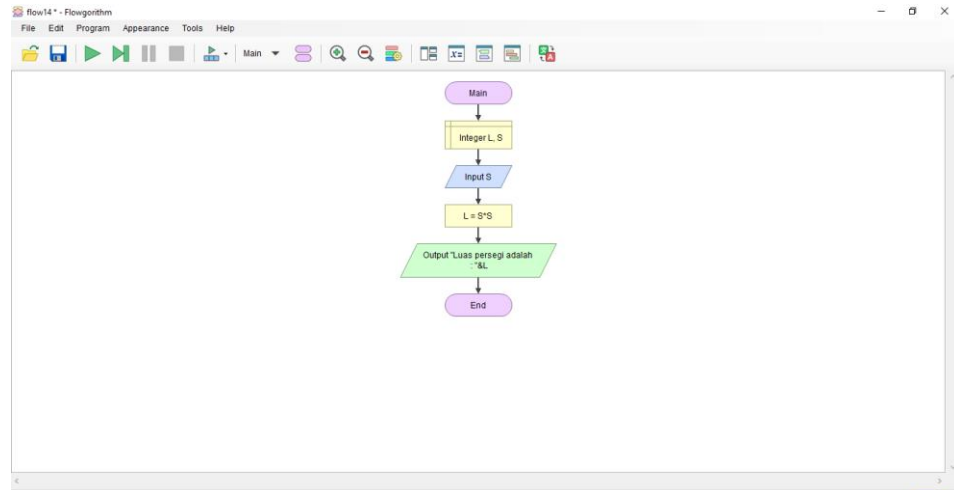


Membuat Flowchart Dengan Menggunakan Flowgorithm Berdasarkan Setiap Rumus Luas dan Keliling Bangunan Datar

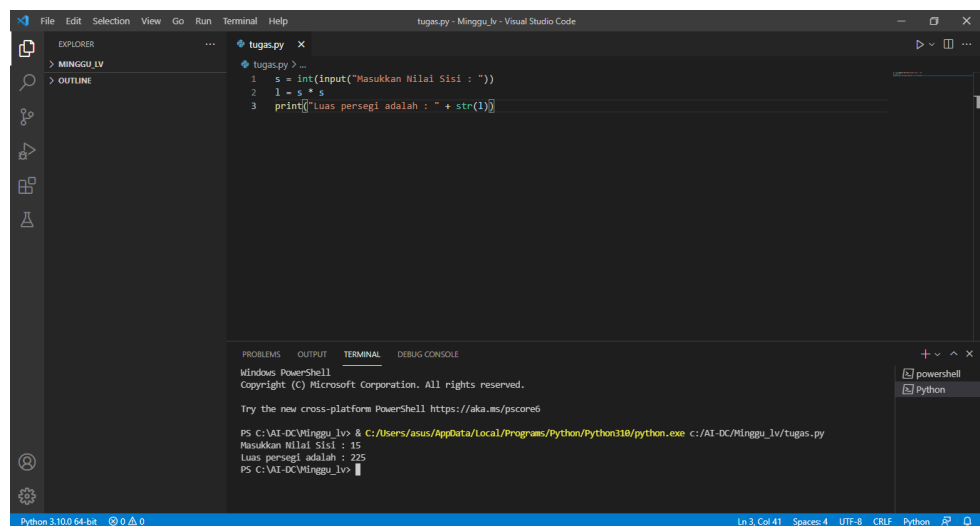
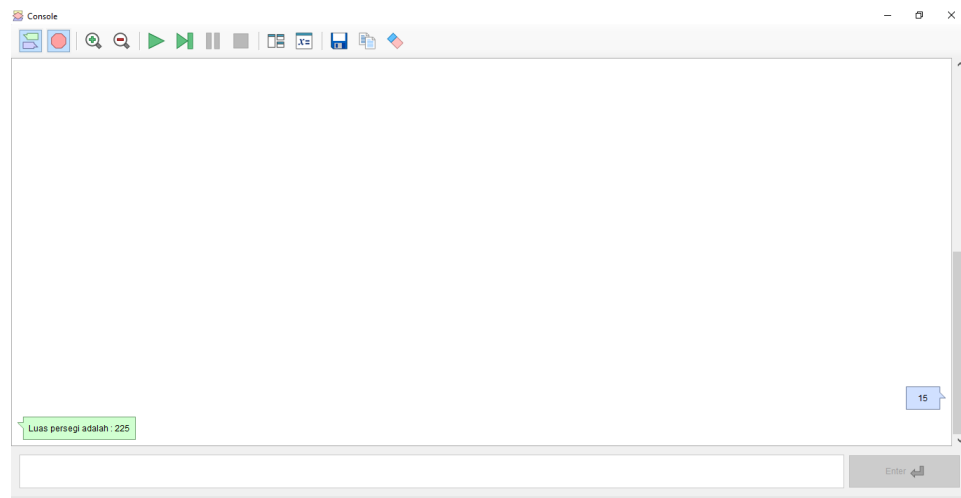
A. Luas

1. Luas Persegi

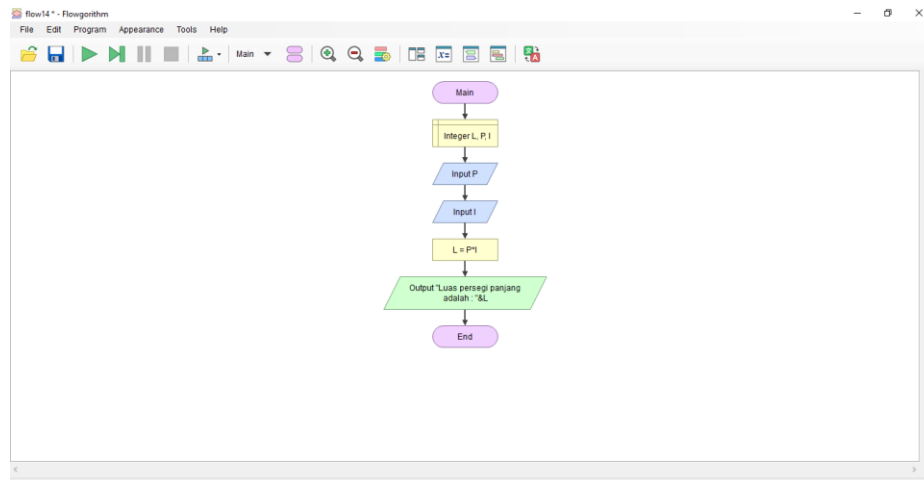


```
Python
0  s = int(input())
1  l = s * s
2  print("Luas persegi adalah : " + str(l))
```

The Source Code Viewer displays the Python code corresponding to the flowchart. It consists of three lines: line 0 declares 's = int(input())', line 1 calculates 'l = s * s', and line 2 prints the result using 'print("Luas persegi adalah : " + str(l))'.



2. Luas Persegi Panjang



Source Code Viewer

```
Python  
0 p = int(input())  
1 i = int(input())  
2 l = p * i  
3 print("Luas persegi panjang adalah : " + str(l))
```

Console

```
Luas persegi panjang adalah : 40
```

8
5

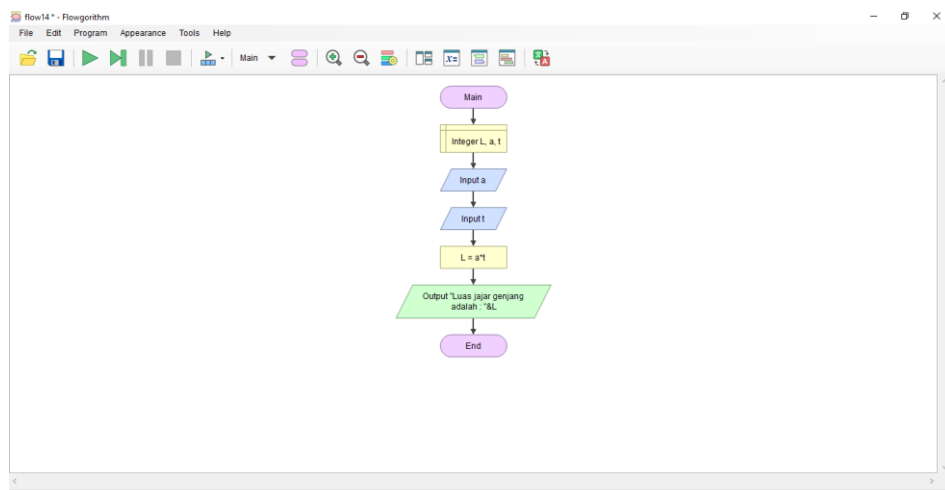
The image shows a Visual Studio Code window with a Python file named `tugas.py`. The code calculates the area of a square based on user input. The terminal shows the execution of the script, where the user enters a length of 8 and a width of 5, resulting in an area of 40.

```
1 p = int(input("Masukkan panjang : "))
2 l = int(input("Masukkan lebar : "))
3 l = p * l
4 print("Luas persegi panjang adalah : " + str(l))
5
```

Terminal Output:

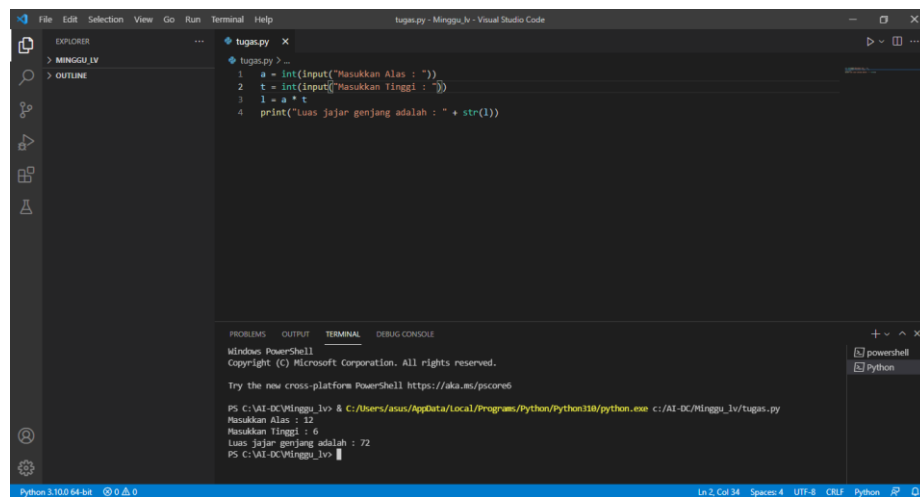
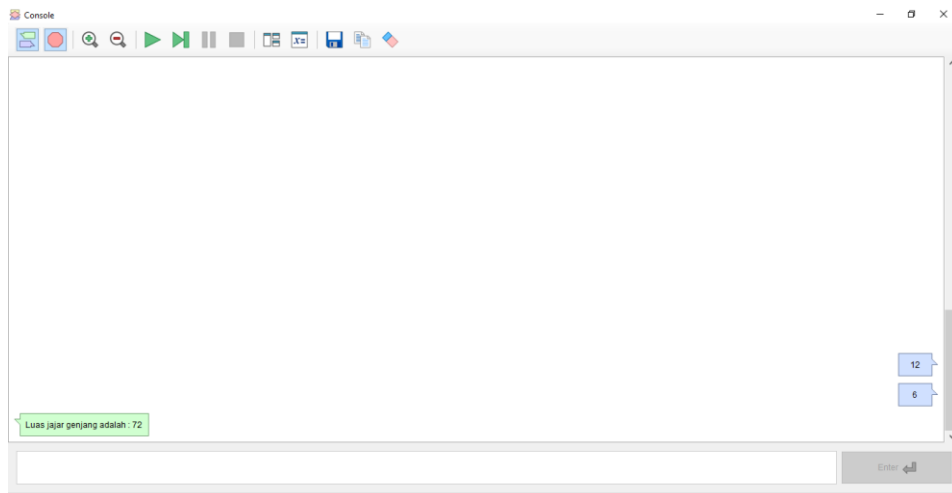
```
PS C:\AI-DC\Minggu_1v> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_1v/tugas.py
Masukkan panjang : 8
Masukkan lebar : 5
Luas persegi panjang adalah : 40
PS C:\AI-DC\Minggu_1v>
```

3. Luas Jajar Genjang

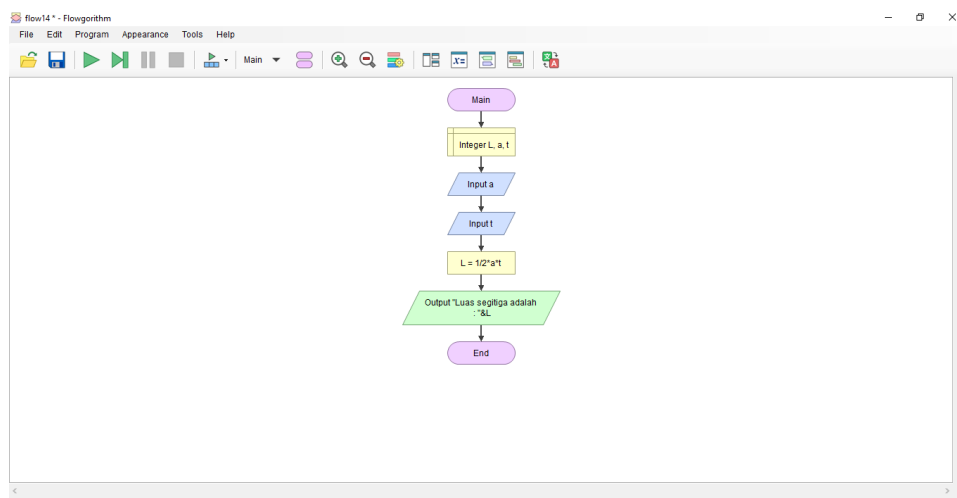


The image shows a Source Code Viewer window displaying the Python code for calculating the area of a parallelogram. The code is as follows:

```
0 a = int(input())
1 t = int(input())
2 l = a * t
3 print("Luas jajar genjang adalah : " + str(l))
```



4. Luas Segitiga



Source Code Viewer

```
0 a = int(input())
1 t = int(input())
2 l = float(l) / 2 * a * t
3 print("Luas segitiga adalah : " + str(l))
```

Console

```
Luas segitiga adalah : 60
```

12
10

tugas.py - Minggu IV - Visual Studio Code

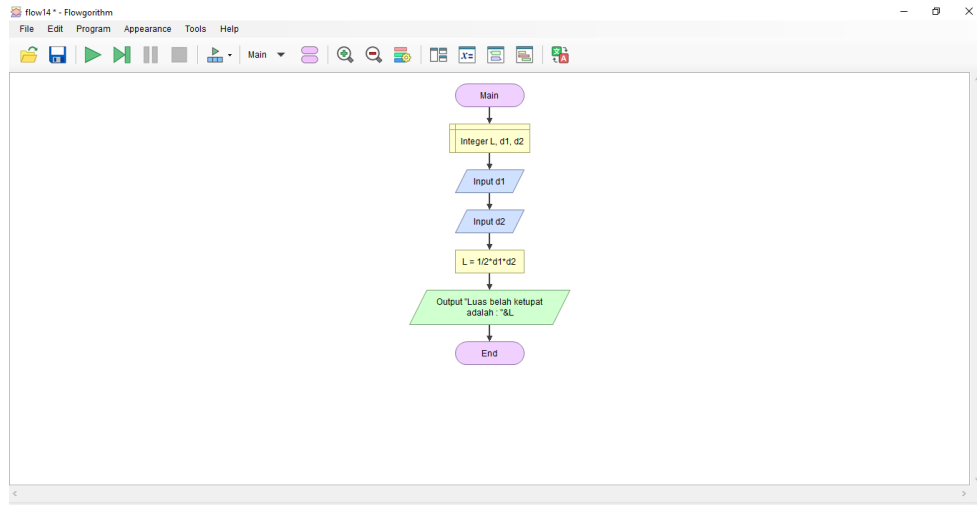
```
1 a = int(input("Masukkan Alas : "))
2 t = int(input("Masukkan Tinggi : "))
3 l = float(l) / 2 * a * t
4 print("Luas segitiga adalah : " + str(l))
5
```

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

PS C:\AI-DC\Minggu_IV> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_IV/tugas.py
Masukkan Alas : 12
Masukkan Tinggi : 10
Luas segitiga adalah : 60.0
PS C:\AI-DC\Minggu_IV>

Python 3.10.0 64-bit

5. Luas Belah Ketupat



Source Code Viewer

```
Python  
0 d1 = int(input())  
1 d2 = int(input())  
2 l = float(l) / 2 * d1 * d2  
3 print("Luas belah ketupat adalah : " + str(l))
```

Console

```
Luas belah ketupat adalah : 96
```

12
16

Enter

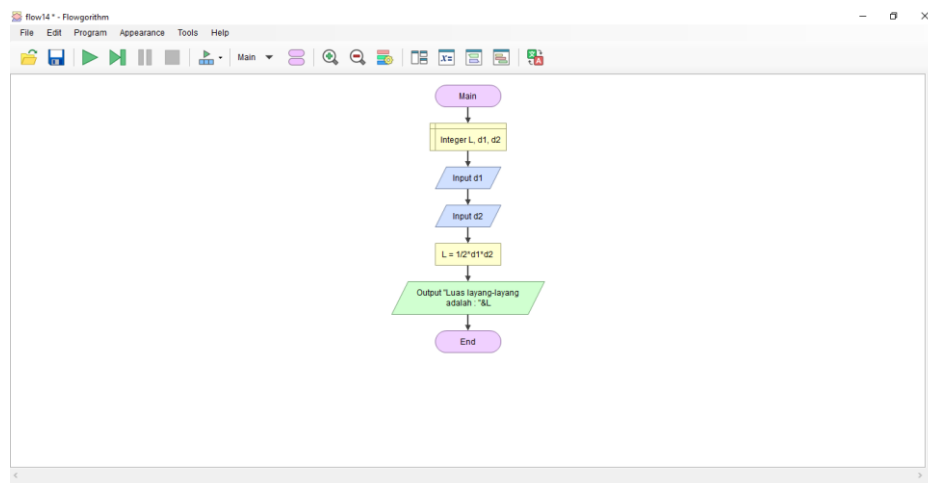
The image shows a Visual Studio Code window with a file named `tugas.py` open. The code in the editor is as follows:

```
1 d1 = int(input("Masukkan diagonal 1 : "))
2 d2 = int(input("Masukkan diagonal 2 : "))
3 l = float(1) / 2 * d1 * d2
4 print("Luas belah ketupat adalah : " + str(l))
5
6
```

Below the editor, the terminal window shows the execution of the script using PowerShell:

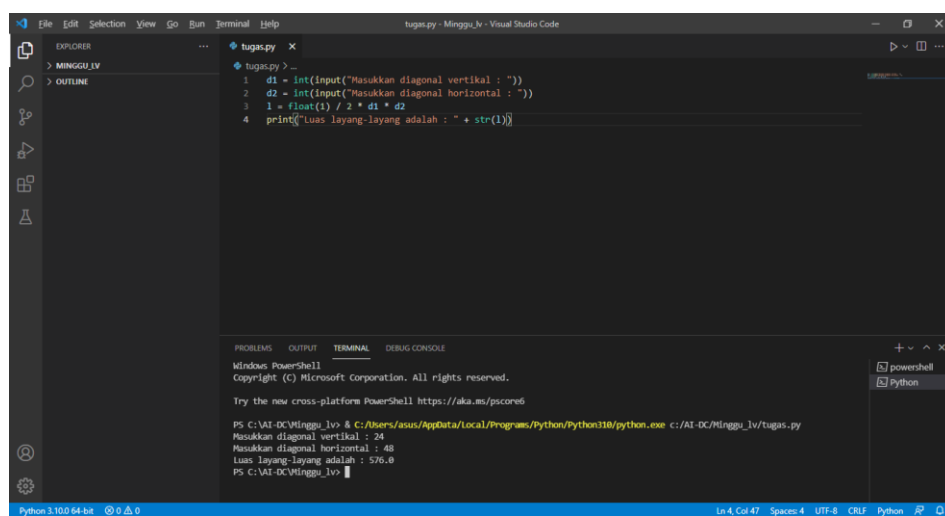
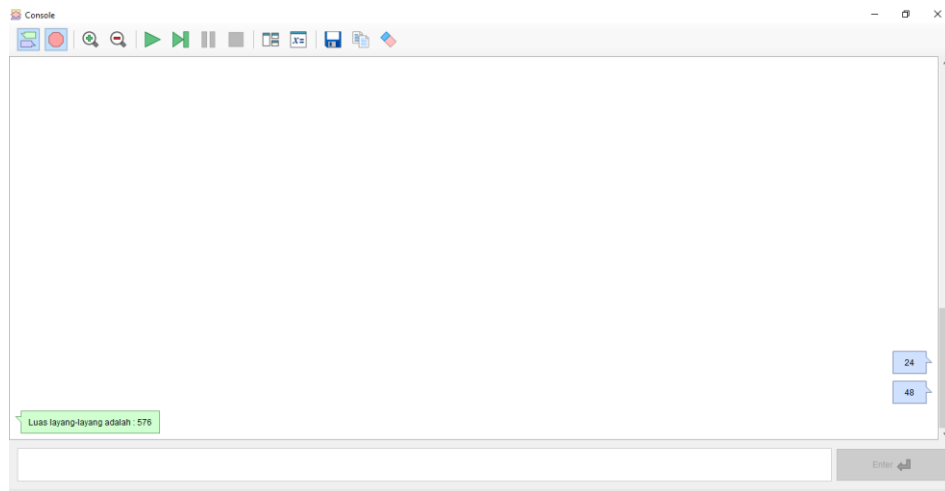
```
PS C:\AI-DC\Minggu_1> & C:\Users\asus\AppData\Local\Programs\Python\Python310\python.exe c:/AI-DC/Minggu_1/tugas.py
Masukkan diagonal 1 : 12
Masukkan diagonal 2 : 16
Luas belah ketupat adalah : 96.0
PS C:\AI-DC\Minggu_1>
```

6. Luas Layang-layang

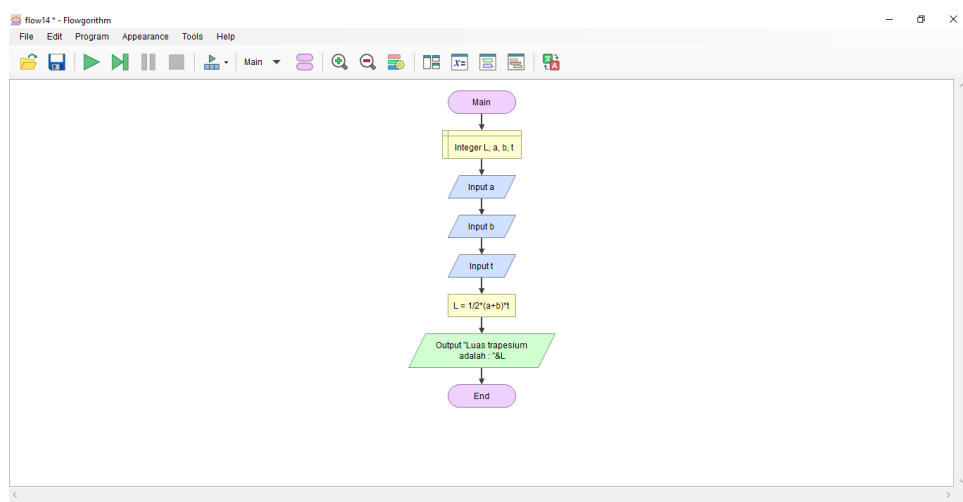


The image shows a Source Code Viewer window displaying the following Python code:

```
0 d1 = int(input())
1 d2 = int(input())
2 l = float(1) / 2 * d1 * d2
3 print("Luas layang-layang adalah : " + str(l))
```

7. Luas Trapesium



Source Code Viewer

```
0 a = int(input())
1 b = int(input())
2 t = int(input())
3 l = float(l) / 2 * (a + b) * t
4 print("Luas trapesium adalah : " + str(l))
```

Console

```
Luas trapesium adalah :35
```

tugas.py - Minggu IV - Visual Studio Code

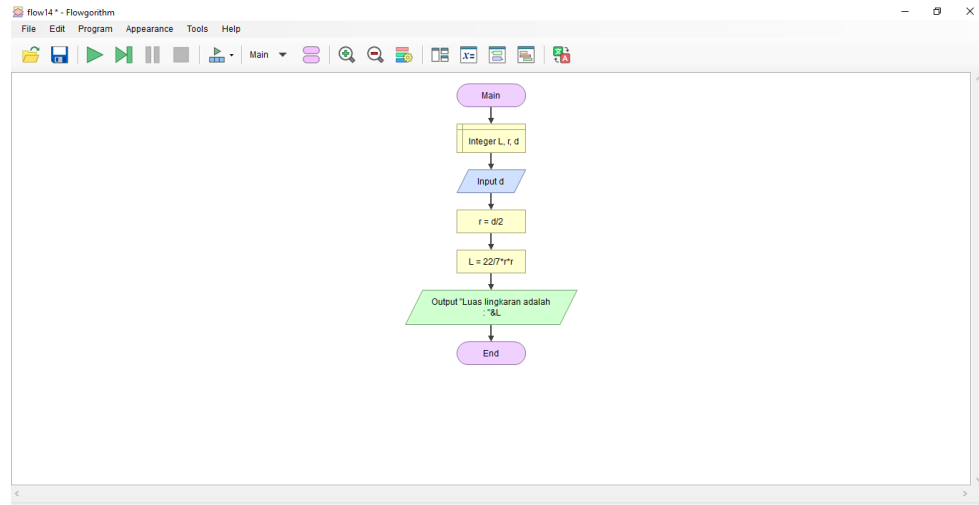
```
1 a = int(input("Masukkan nilai a : "))
2 b = int(input("Masukkan nilai b : "))
3 t = int(input("Masukkan nilai t : "))
4 l = float(l) / 2 * (a + b) * t
5 print("Luas trapesium adalah : " + str(l))
```

Windows PowerShell
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```
PS C:\AI-DC\Minggu_IV> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_IV/tugas.py
Masukkan nilai a : 4
Masukkan nilai b : 10
Masukkan nilai t : 5
Luas trapesium adalah : 35.0
PS C:\AI-DC\Minggu_IV>
```

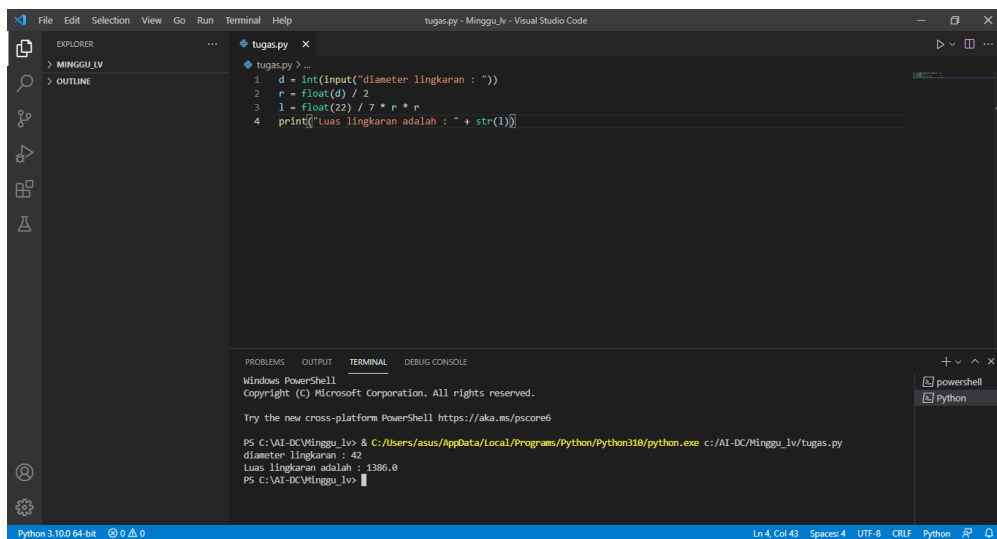
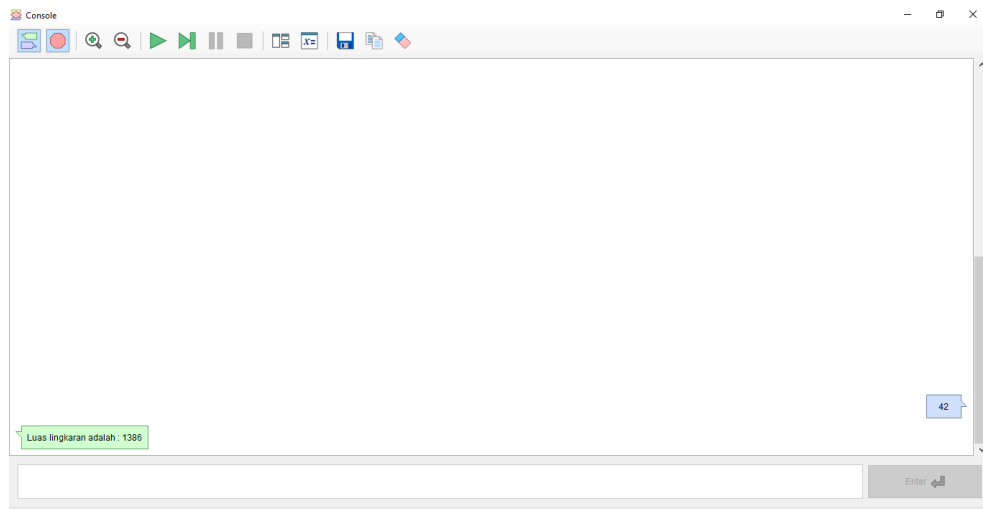
Python 3.10.0 64 bit

8. Luas Lingkaran



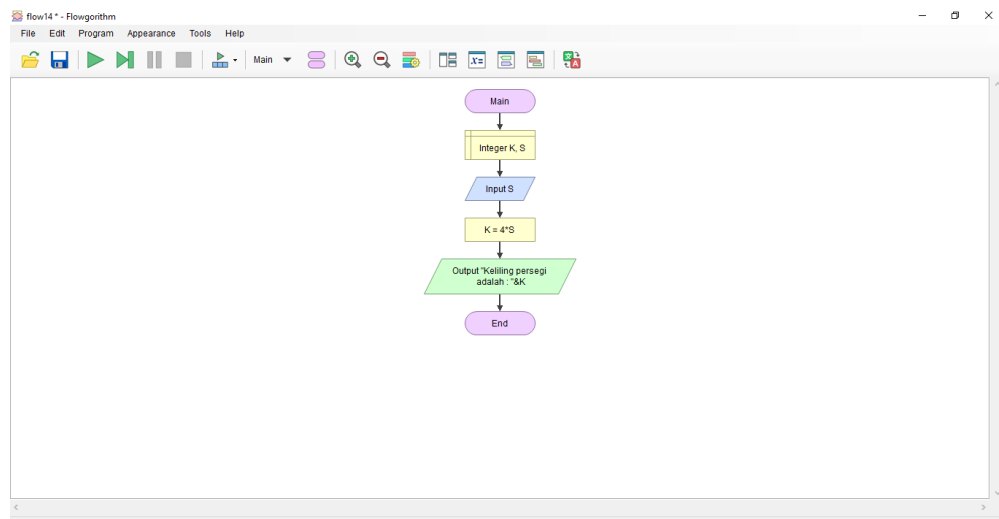
Source Code Viewer

```
Python  
0 d = int(input())  
1 r = float(d) / 2  
2 l = float(22) / 7 * r * r  
3 print("Luas lingkaran adalah : " + str(l))
```



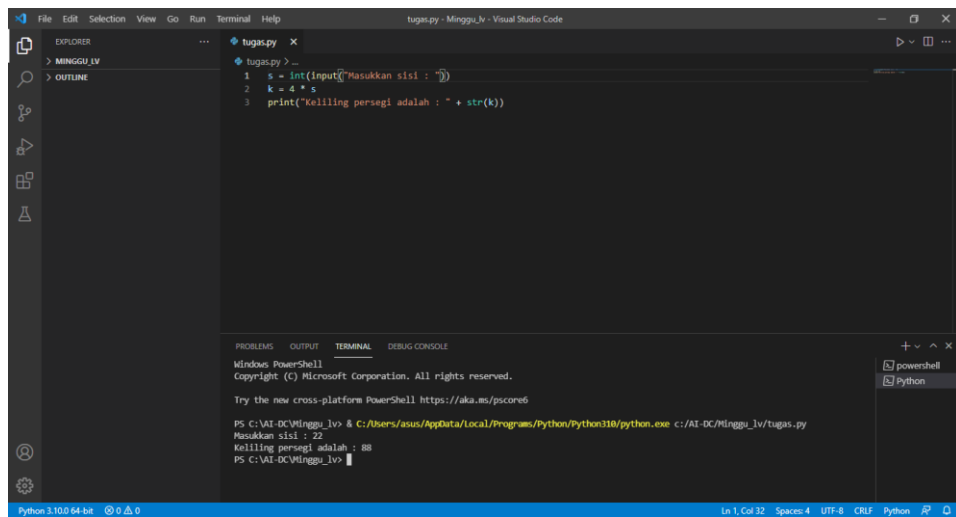
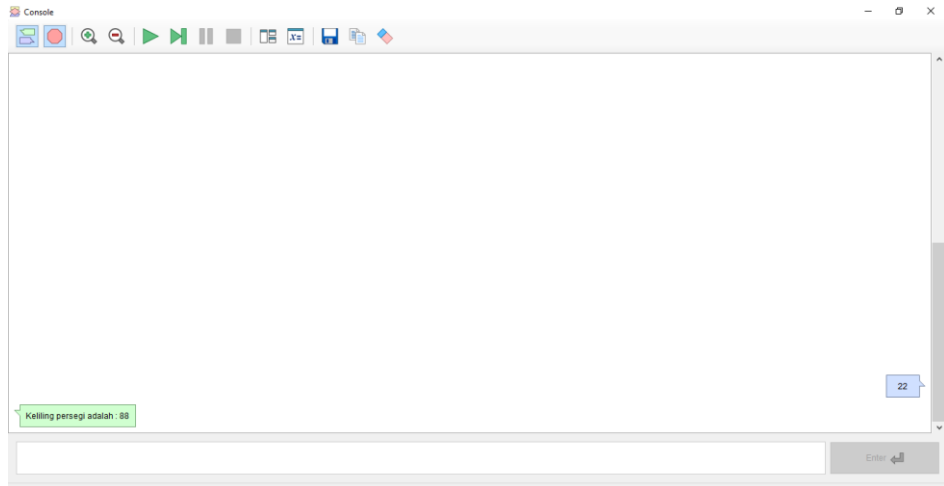
B. Keliling Bangun Datar

1. Keliling Pesegi

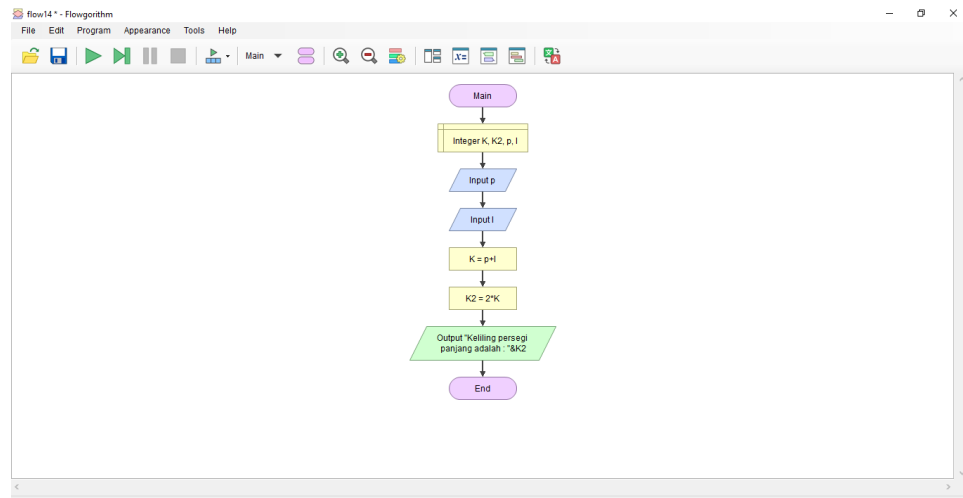


```
Python
0 s = int(input())
1 k = 4 * s
2 print("Keliling persegi adalah : " + str(k))
```

The Source Code Viewer displays the Python code corresponding to the flowchart. It includes line numbers 0, 1, and 2. Line 0: `s = int(input())` (highlighted in blue). Line 1: `k = 4 * s` (highlighted in yellow). Line 2: `print("Keliling persegi adalah : " + str(k))` (highlighted in green).



2. Keliling Persegi Panjang



Source Code Viewer

```
Python
0  p = int(input())
1  l = int(input())
2  k = p + l
3  k2 = 2 * k
4  print("Keliling persegi panjang adalah : " + str(k2))
```

Console

```
Keliling persegi panjang adalah : 224
```

44

68

Enter

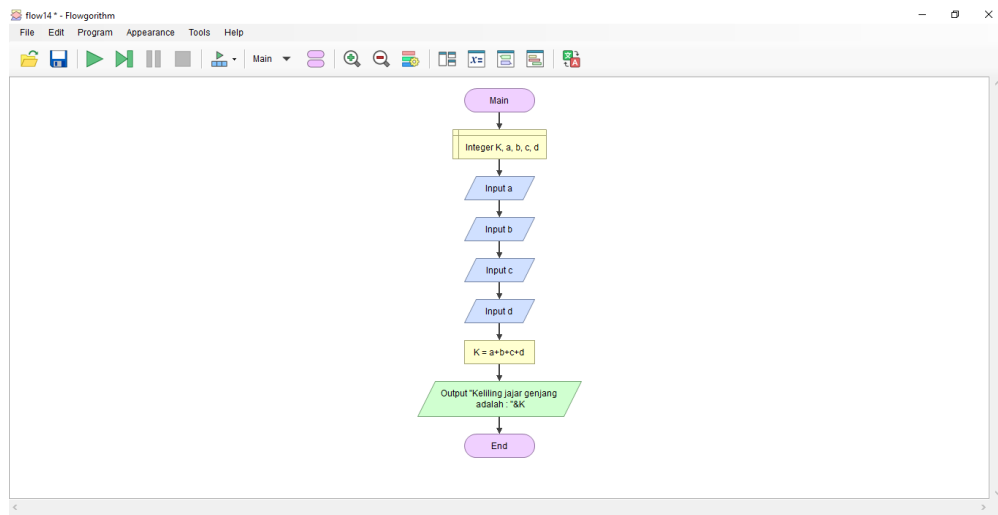
```
tugas.py
1 p = int(input("Masukkan panjang : "))
2 l = int(input("Masukkan lebar : "))
3 k = p + l
4 k2 = 2 * k
5 print("Keliling persegi panjang adalah : " + str(k2))
```

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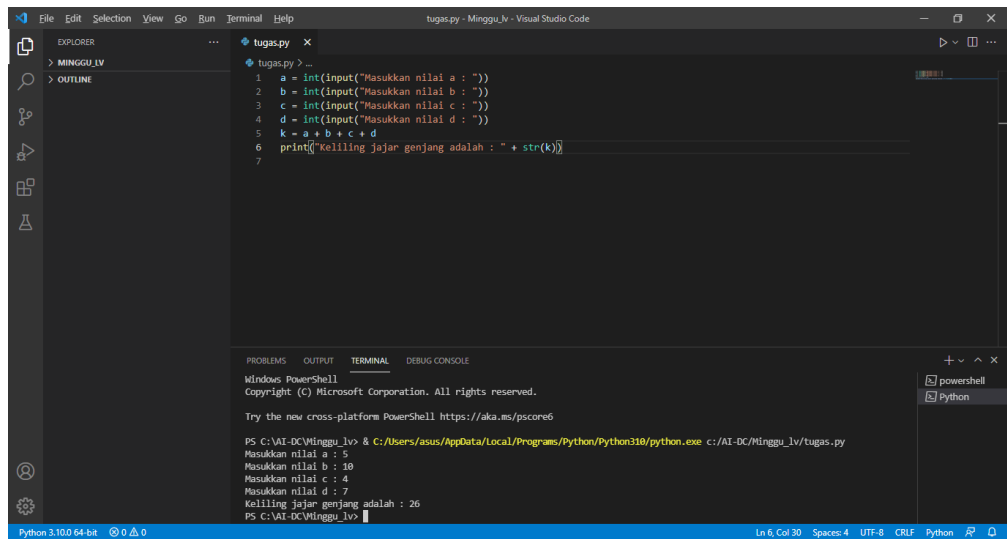
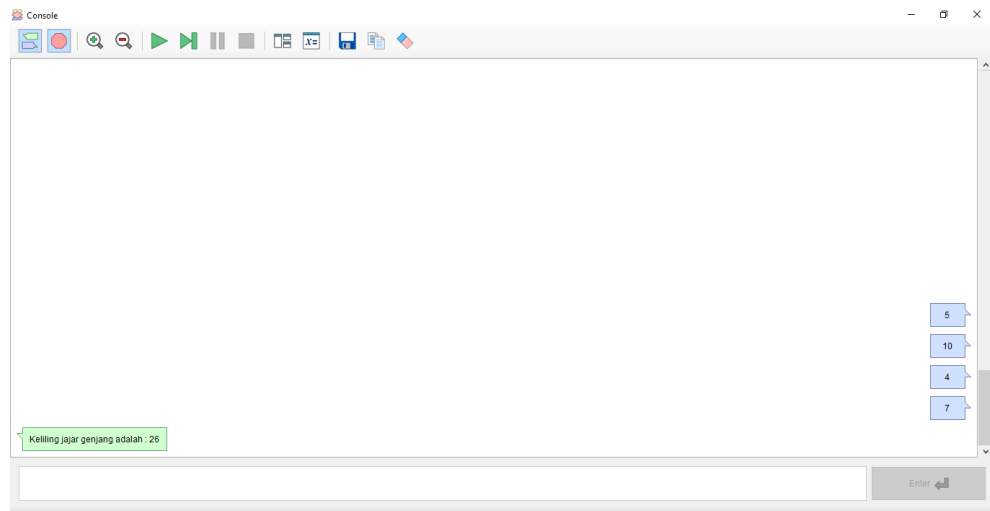
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\AI-OC\Minggu_1\ > & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-OC/Minggu_1/tugas.py
Masukkan panjang : 44
Masukkan lebar : 68
Keliling persegi panjang adalah : 224
PS C:\AI-OC\Minggu_1\ >
```

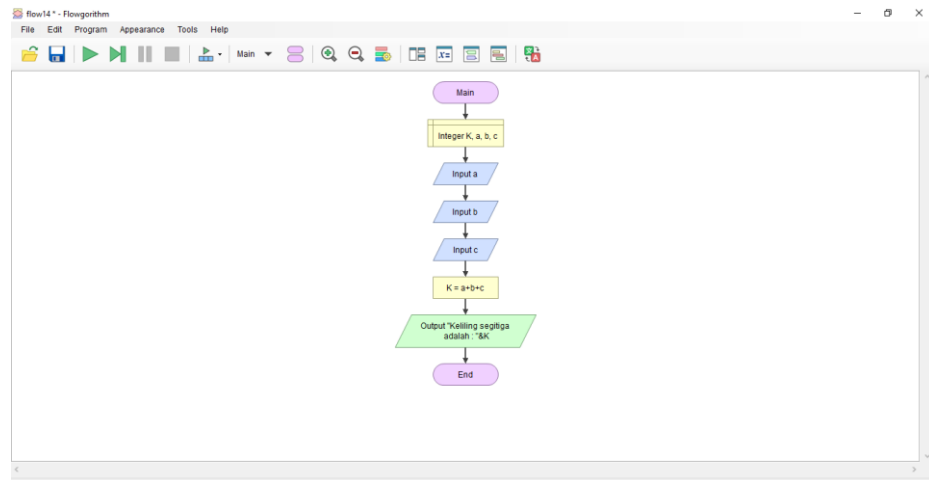
3. Keliling Jajar Genjang



```
Python
0 a = int(input())
1 b = int(input())
2 c = int(input())
3 d = int(input())
4 k = a + b + c + d
5 print("Keliling jajar genjang adalah : " + str(k))
```

4. Keliling Segitiga



Source Code Viewer

```
Python  
0 a = int(input())  
1 b = int(input())  
2 c = int(input())  
3 k = a + b + c  
4 print("Keliling segitiga adalah : " + str(k))
```

Console

```
Keliling segitiga adalah : 20
```

5
10
5

Enter

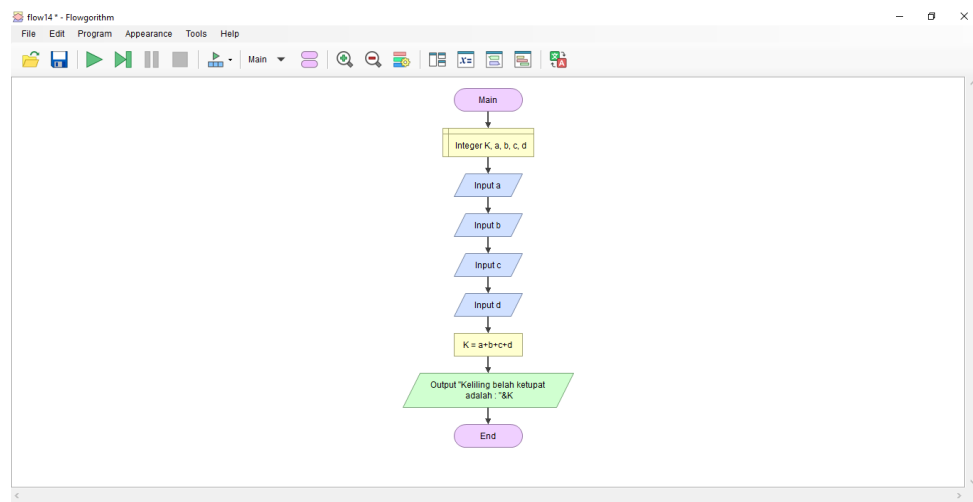
The image shows a Visual Studio Code window with a file named `tugas.py`. The code in the editor is as follows:

```
1 a = int(input("Masukkan nilai a : "))
2 b = int(input("Masukkan nilai b : "))
3 c = int(input("Masukkan nilai c : "))
4 k = a + b + c
5 print("Keliling segitiga adalah : " + str(k))
6
```

Below the editor, the terminal window shows the execution of the script using Python 3.10.0 64-bit. The output is:

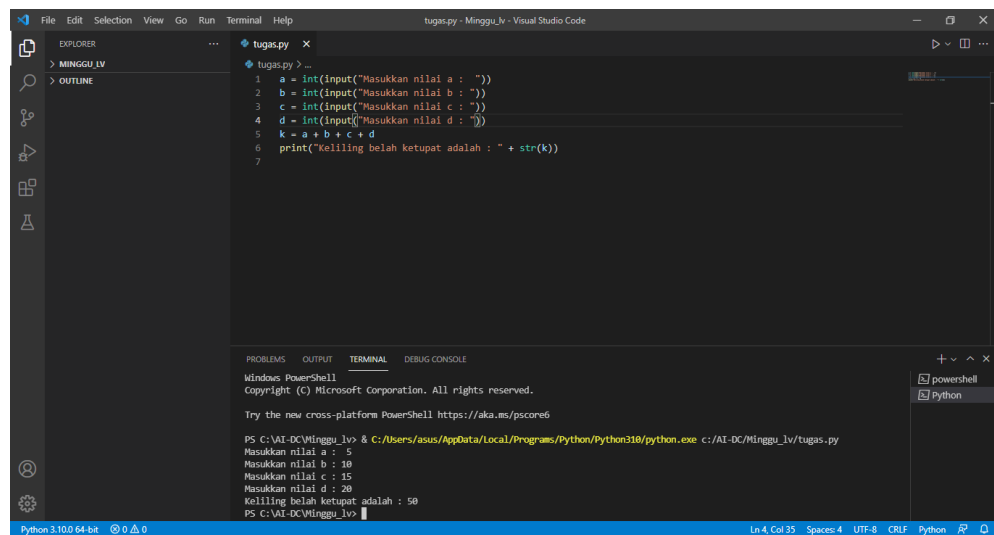
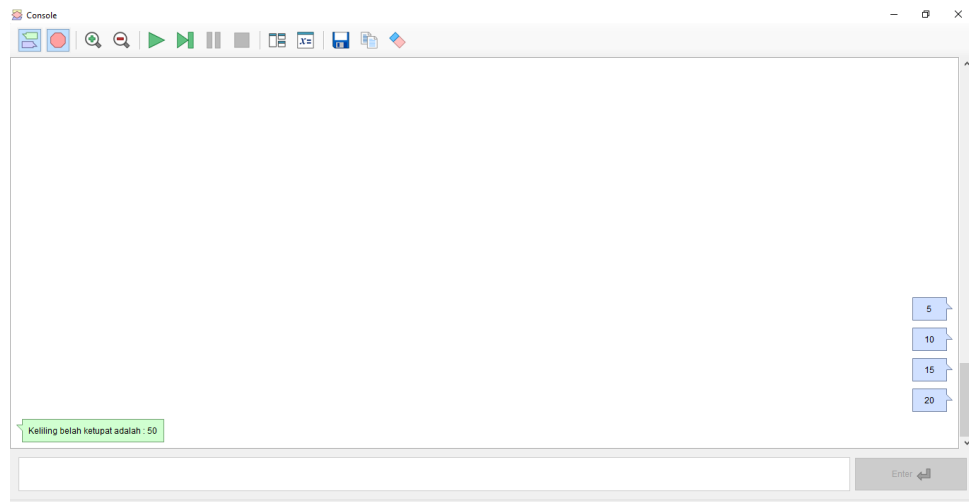
```
PS C:\AI-DC\Minggu_1\ > & C:\Users\asus\AppData\Local\Programs\Python\Python118\python.exe c:/AI-DC/Minggu_1/tugas.py
Masukkan nilai a : 5
Masukkan nilai b : 10
Masukkan nilai c : 5
Keliling segitiga adalah : 20
PS C:\AI-DC\Minggu_1\ >
```

5. Keliling Belah Ketupat

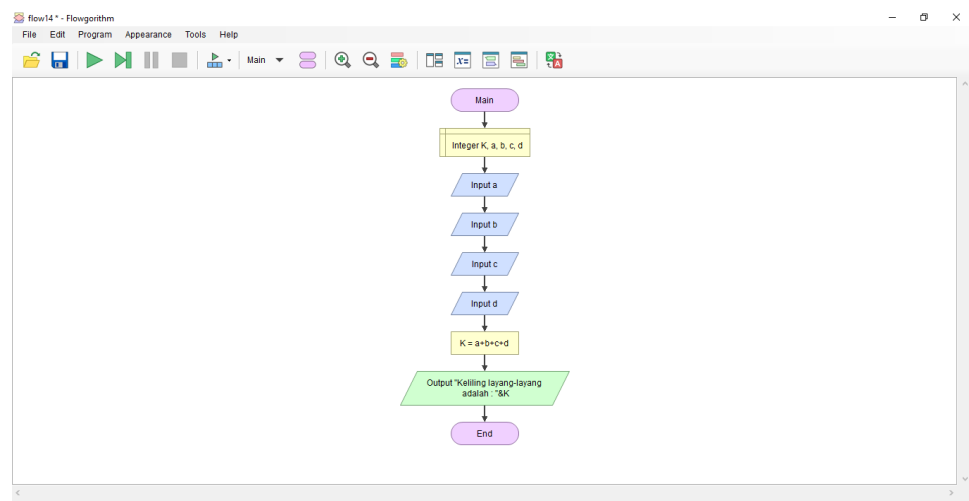


The Source Code Viewer displays the Python code corresponding to the flowchart:

```
0 a = int(input())
1 b = int(input())
2 c = int(input())
3 d = int(input())
4 k = a + b + c + d
5 print("Keliling belah ketupat adalah : " + str(k))
```



6. Keliling Layang-layang



Source Code Viewer

```
0 a = int(input())
1 b = int(input())
2 c = int(input())
3 d = int(input())
4 k = a + b + c + d
5 print("Keliling layang-layang adalah : " + str(k))
```

Console

```
Keliling layang-layang adalah : 20
```

tugas.py - Minggu_1v - Visual Studio Code

```
1 a = int(input("Masukkan nilai a : "))
2 b = int(input("Masukkan nilai b : "))
3 c = int(input("Masukkan nilai c : "))
4 d = int(input("Masukkan nilai d : "))
5 k = a + b + c + d
6 print("Keliling layang-layang adalah : " + str(k))
7
```

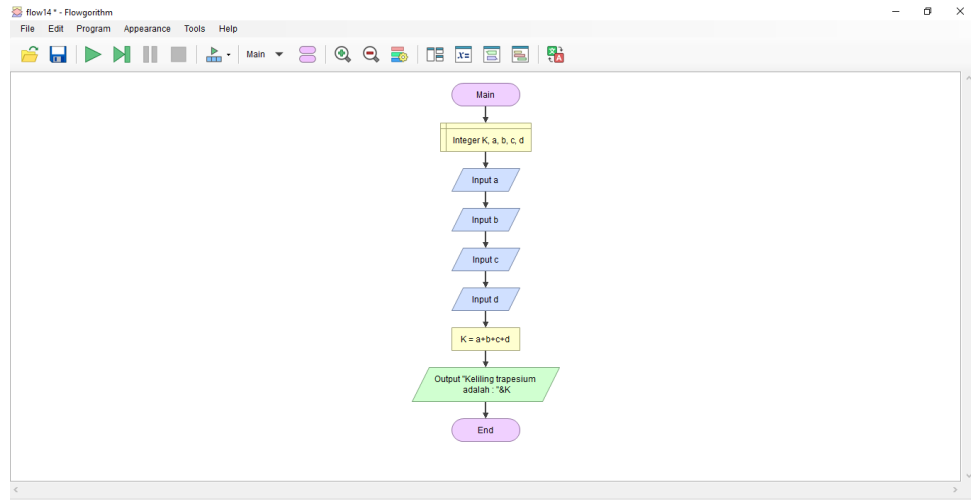
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Windows PowerShell
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```
PS C:\AI-DC\Minggu_1v> & C:/Users/asus/AppData/Local/Programs/Python/Python310/python.exe c:/AI-DC/Minggu_1v/tugas.py
Masukkan nilai a : 2
Masukkan nilai b : 4
Masukkan nilai c : 6
Masukkan nilai d : 8
Keliling layang-layang adalah : 20
PS C:\AI-DC\Minggu_1v>
```

Python 3.10.0 64-bit

7. Keliling Trapesium



Source Code Viewer

```
Python  
0 a = int(input())  
1 b = int(input())  
2 c = int(input())  
3 d = int(input())  
4 k = a + b + c + d  
5 print("Keliling trapesium adalah : " + str(k))
```

Console

```
Keliling trapesium adalah : 26
```

3
5
7
11

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a file named 'MINGGU_1V'. The main editor displays a Python script named 'tugas.py' with the following code:

```
1 a = int(input("Masukkan nilai a : "))
2 b = int(input("Masukkan nilai b : "))
3 c = int(input("Masukkan nilai c : "))
4 d = int(input("Masukkan nilai d : "))
5 k = a + b + c + d
6 print("Keliling trapesium adalah : " + str(k))
7
```

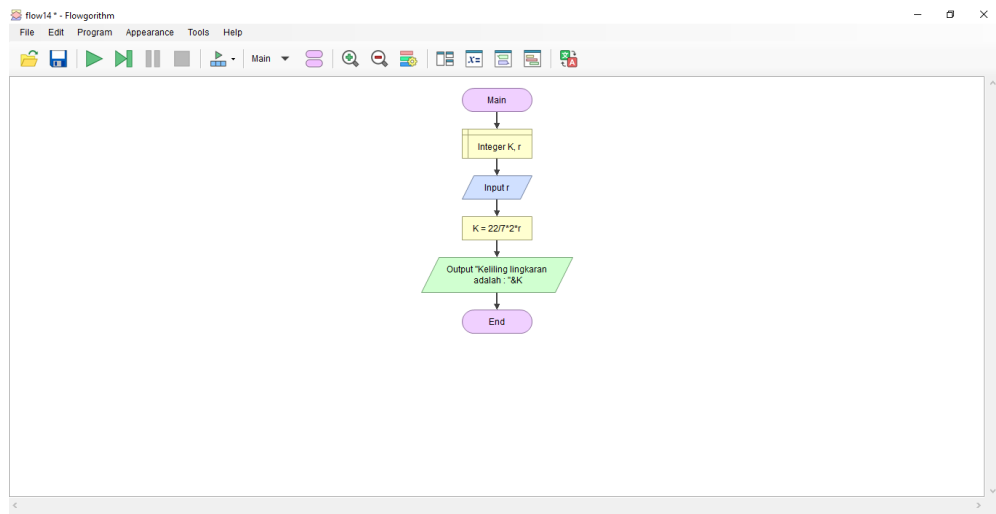
The TERMINAL pane at the bottom shows the execution of the script in a Windows PowerShell environment. The command executed is:

```
PS C:\AI-DC\Minggu_1v> & C:\Users\asus\AppData\Local\Programs\Python\Python310\python.exe c:/AI-DC/Minggu_1v/tugas.py
```

The output of the script is:

```
Masukkan nilai a : 3
Masukkan nilai b : 5
Masukkan nilai c : 7
Masukkan nilai d : 11
Keliling trapesium adalah : 26
```

8. Keliling Lingkaran



The Source Code Viewer displays the Python code corresponding to the flowchart:

```
0 z = int(input())
1 k = float(22) / 7 * 2 * z
2 print("Keliling lingkaran adalah : " + str(k))
```

