

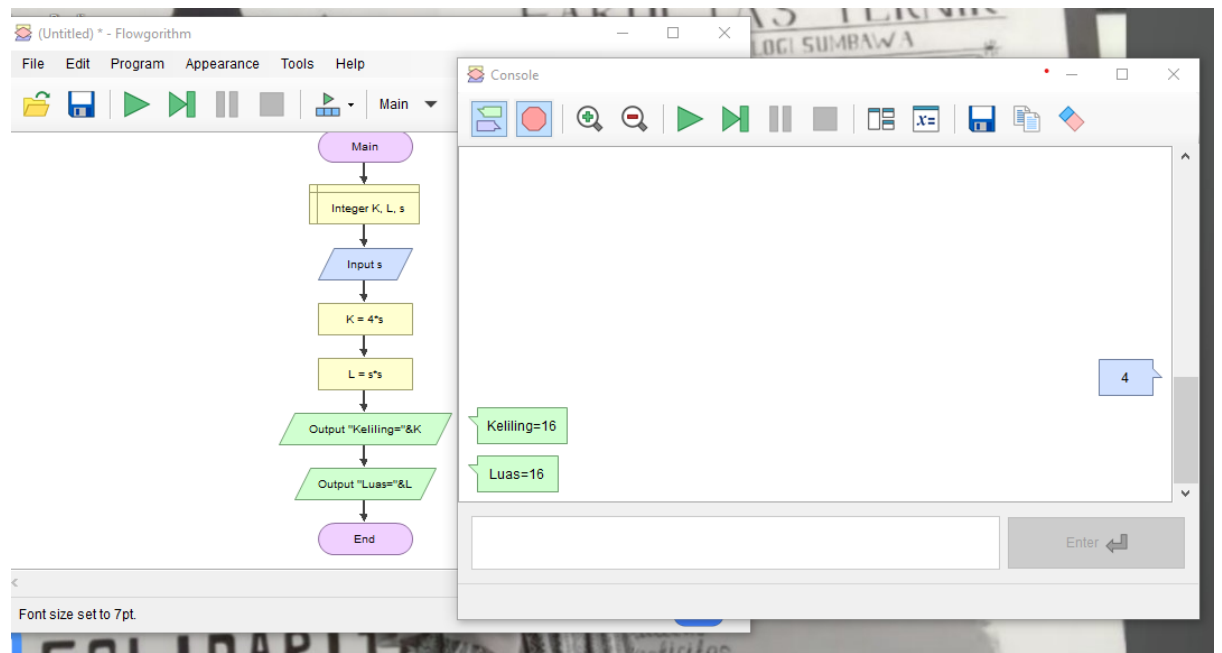
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## TUGAS INDIVIDU V

### RUMUS LUAS DAN KELILING BANGUN DATAR

#### ➤ PERSEGI

- **Flowgorithm**



- Vs-code

The screenshot shows the Visual Studio Code editor with a file named 'Persegi.py'. The code in the editor is as follows:

```

1 a = int(input())
2 b = 4 * a
3 c = a ** 2
4 print("keliling :=> " + str(b))
5 print("luas :=> " + str(c))
6

```

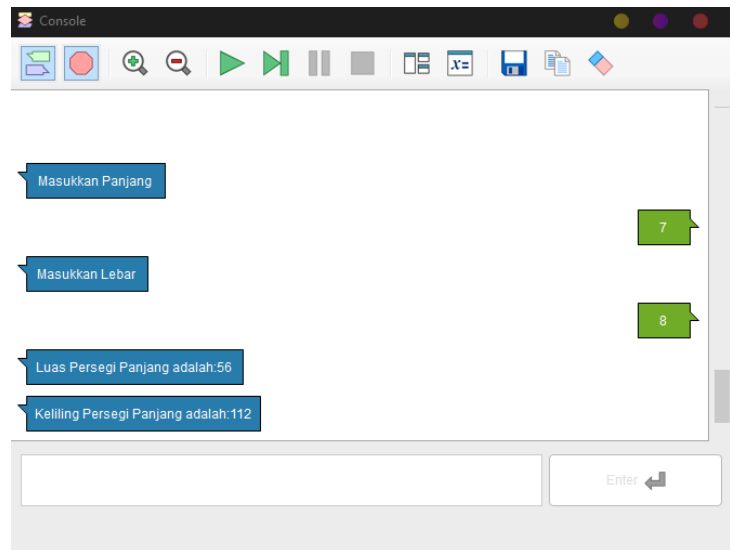
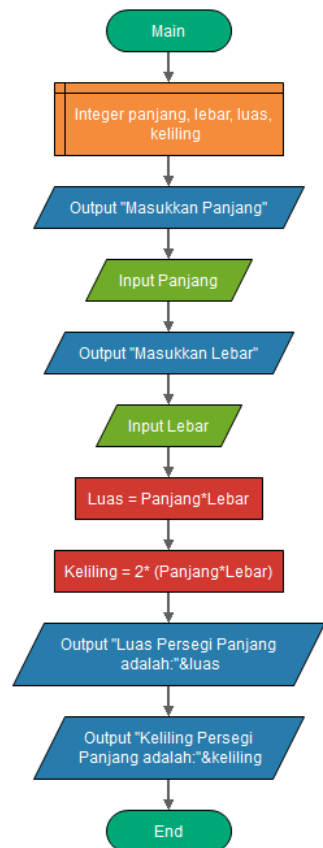
Below the editor, the terminal window shows the command prompt output:

```

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "C:\Users\Administrator\Pictures\tugas 10\persegi\Persegi.py"
keliling :=> 8
luas :=> 4
PS C:\Users\Administrator>

```

➤ PERSEGI PANJANG



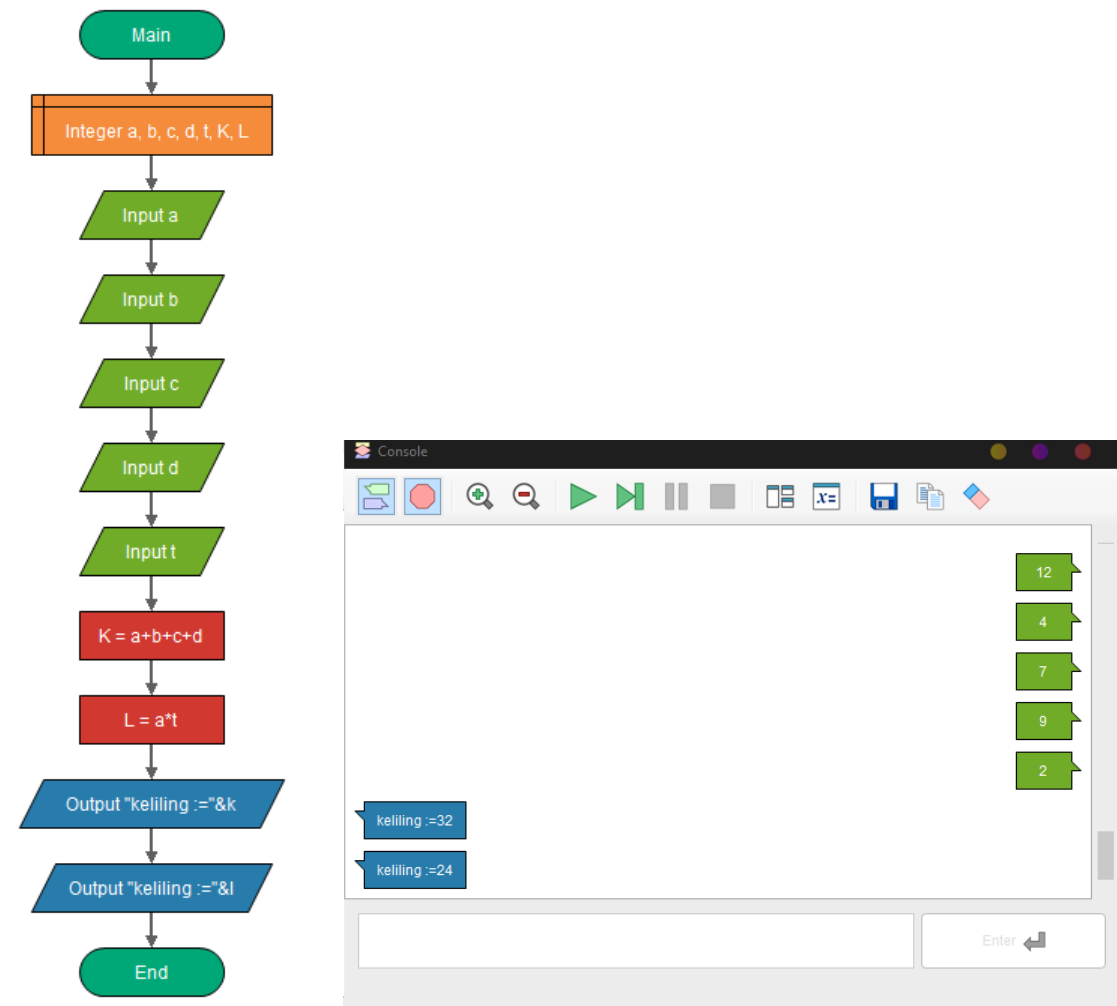
```

File Edit Selection View Go Run Terminal Help Flow Menghitung luas dan Keliling Persegi Panjang.py - Visual Studio Code [Administrator]
Flow Menghitung luas dan Keliling Persegi Panjang.py X
C:\Users\Administrator> Pictures > tugas 10 > persegi panjang > Flow Menghitung luas dan Keliling Persegi Panjang.py
1 print("Masukkan Panjang")
2 panjang = int(input())
3 print("Masukkan Lebar")
4 lebar = int(input())
5 luas = panjang * lebar
6 keliling = 2 * (panjang + lebar)
7 print("Luas Persegi Panjang adalah:" + str(luas))
8 print("keliling Persegi Panjang adalah:" + str(keliling))
9

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python38\python.exe "C:\Users\Administrator\Pictures\tugas 10\persegi panjang\Flow Menghitung luas dan Keliling Persegi Panjang.py"
Masukkan Panjang
2
Masukkan Lebar
4
Luas Persegi Panjang adalah:8
Keliling Persegi Panjang adalah:12
PS C:\Users\Administrator>
Python 3.8.7 64-bit @ 9.6.0
Ln 8, Col 58 - Spaces: 4 - UTF-8 - CR/LF - MagicPython

```

➤ **PAJAJAR GENJANG**



The image shows a Visual Studio Code editor window titled "Jajar-Genjang.py - Visual Studio Code [Administrator]". The editor is open to a file named "Jajar-Genjang.py". The code in the file is as follows:

```

1 a = int(input())
2 b = int(input())
3 c = int(input())
4 d = int(input())
5 t = int(input())
6 k = a + b + c + d
7 l = a * t
8 print("keliling :-" + str(k))
9 print("keliling :-" + str(l))
10

```

The terminal output shows the execution of the script. The prompt is "PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "c:/Users/Administrator/Pictures/tugas 10/jajar genjang/Jajar-Genjang.py"". The output is:

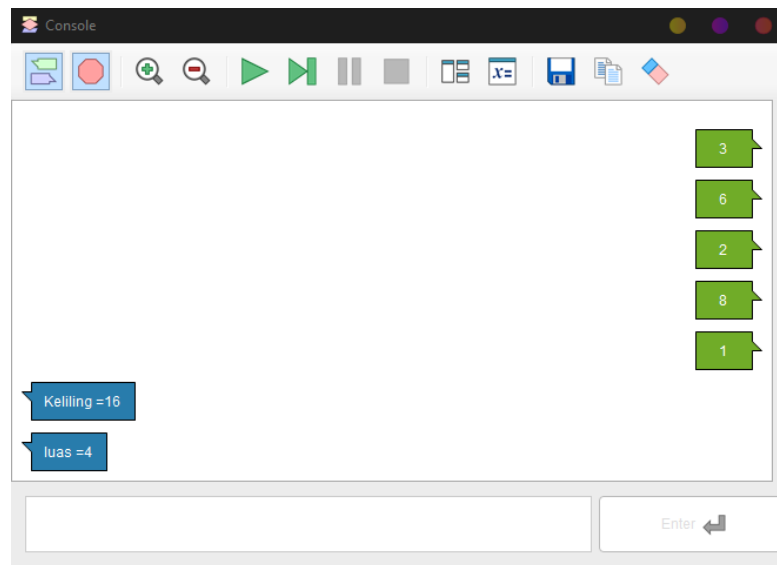
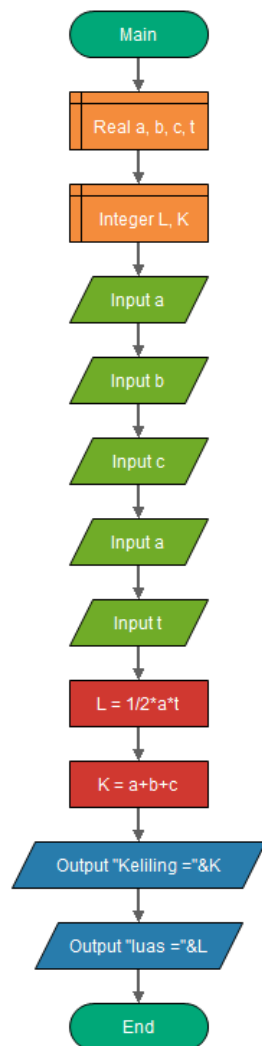
```

2
2
2
2
keliling :-8
keliling :-4
PS C:\Users\Administrator>

```

The status bar at the bottom indicates the Python version is 3.9.7 64-bit, the file is encoded in UTF-8, and the line and column are 1, 1.

➤ **SEGITIGA**



```

1 a = int(input())
2 b = int(input())
3 c = int(input())
4 a = int(input())
5 t = int(input())
6 l = int(1) / 2 * a * t
7 k = a + b + c
8 print("keliling =" + str(k))
9 print("luas =" + str(l))
10

```

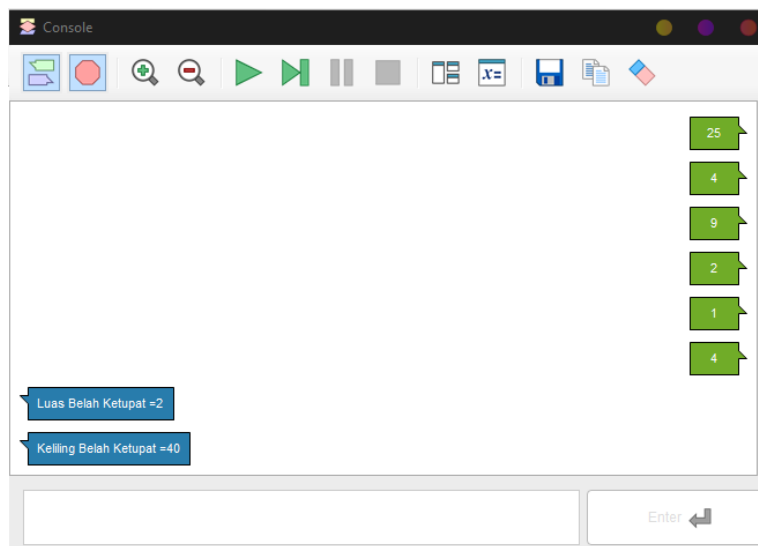
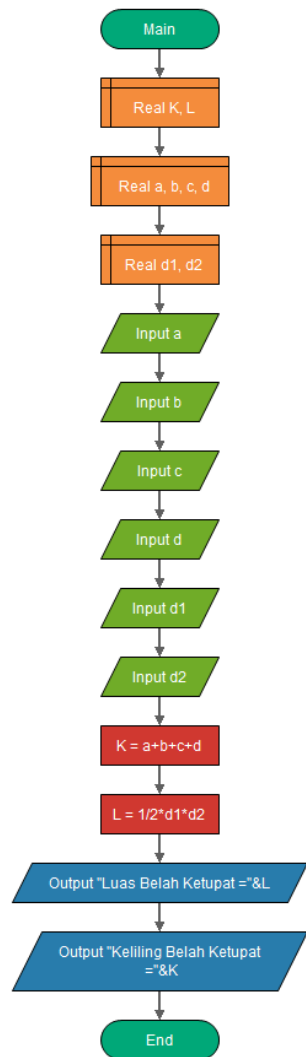
Terminal Output:

```

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "c:\Users\Administrator\Pictures\tugas 18\segitiga\segitiga biasa.py"
2
2
2
2
2
2
keliling =6
luas =2.0
PS C:\Users\Administrator>

```

## ➤ BELAH KETUPAT



The screenshot shows the Visual Studio Code interface. The top menu bar includes File, Edit, Selection, View, Go, Run, Terminal, and Help. The title bar indicates the file is "belah ketupat biasa.py - Visual Studio Code [Administrator]". The Explorer sidebar on the left shows a project structure with folders like "Flow Menghitung Luas dan Keliling Persegi Panjang.py", "lajar-Genjang.py", "segitiga biasa.py", and "belah ketupat biasa.py". The main editor window displays the code for "belah ketupat biasa.py":

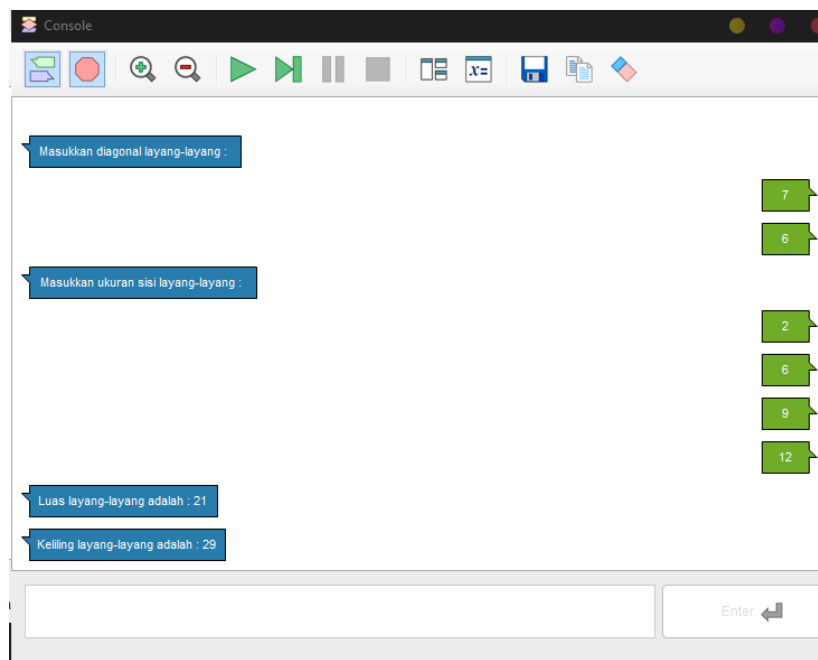
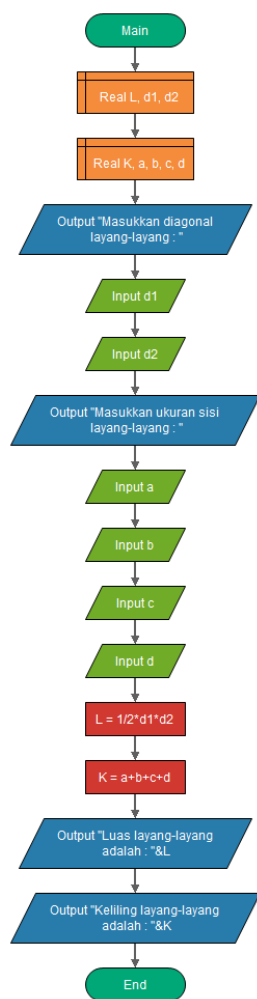
```
C:\> Users > Administrator > Pictures > tugas 10 > belah ketupat > belah ketupat biasa.py > [a]
1 a = float(input())
2 b = float(input())
3 c = float(input())
4 d = float(input())
5 d1 = float(input())
6 d2 = float(input())
7 k = a + b + c + d
8 l = float(1) / 2 * d1 * d2
9 print("Luas Belah Ketupat =" + str(l))
10 print("Keliling Belah Ketupat =" + str(k))
11
```

The bottom panel contains three tabs: PROBLEMS, OUTPUT, and TERMINAL. The TERMINAL tab is active, showing the command prompt output:

```
PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/Administrator/Pictures/tugas 10/belah ketupat/belah ketupat biasa.py"
2
2
2
2
2
Luas Belah Ketupat ~2.0
Keliling Belah Ketupat ~8.0
PS C:\Users\Administrator>
```

The status bar at the very bottom shows "Python 3.9.7 64-bit", encoding "UTF-8", and other details.

➤ **LAYANG LAYANG**



```

File Edit Selection View Go Run Terminal Help
Flowchart Hitung Layang-Layang (2).py - Visual Studio Code (Administrator)

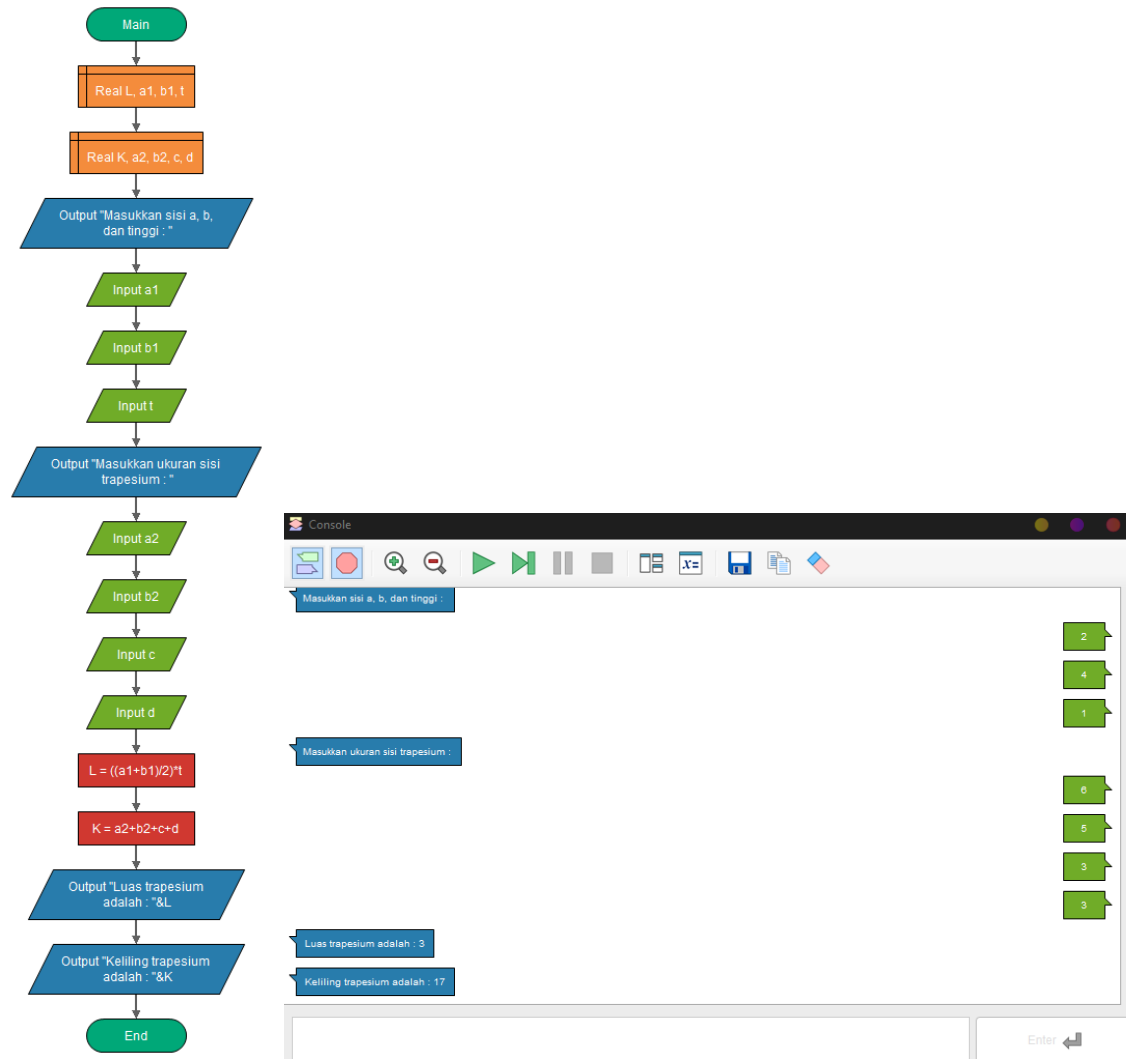
C:\Users\Administrator\Pictures> tugas 10 > layang > Flowchart Hitung Layang-Layang (2).py > ...

1 def keliling():
2     a = int(input())
3     b = int(input())
4     c = int(input())
5     d = int(input())
6     k = a + b + c + d
7     print("Kelilingnya adalah : " + str(k))
8
9 def luas():
10    a = float(input())
11    b = float(input())
12    t = float(input())
13    l = (a + b) / 2 * t
14    print("Luasnya adalah : " + str(l))
15
16 # Main
17 print("Masukkan diagonal layang-layang : ")
18 d1 = float(input())
19 d2 = float(input())
20 print("Masukkan ukuran sisi layang-layang : ")
21 a = float(input())
22 b = float(input())
23 c = float(input())
24 d = float(input())
25 l = float(d1) / 2 * d2
26 k = a + b + c + d
27 print("Luas layang-layang adalah : " + str(l))
28 print("Keliling layang-layang adalah : " + str(k))

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python 3.8.7 64-bit

```

## ➤ TRAPESIUM



```

Flowchart Hitung Trapesium (2).py X
C:\Users\Administrator> Pictures > tugas 10 > trapesium > Flowchart Hitung Trapesium (2).py
1 def keliling():
2     a = int(input())
3     b = int(input())
4     c = int(input())
5     d = int(input())
6     k = a + b + c + d
7     print("Kelilingnya adalah : " + str(k))
8
9 def luas():
10    a = float(input())
11    b = float(input())
12    t = float(input())
13    l = (a + b) / 2 * t
14    print("Luasnya adalah : " + str(l))
15
16 # Main
17 print("Masukkan sisi a, b, dan tinggi : ")
18 a1 = float(input())
19 b1 = float(input())
20 t = float(input())
21 print("Masukkan ukuran sisi trapesium : ")
22 a2 = float(input())
23 b2 = float(input())
24 c = float(input())
25 d = float(input())
26 l = (a1 + b1) / 2 * t
27 k = a2 + b2 + c + d
28 print("Luas trapesium adalah : " + str(l))
29 print("Keliling trapesium adalah : " + str(k))
30

```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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Try the new cross-platform PowerShell <https://aka.ms/powershell>

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "c:\Users\Administrator\Pictures\tugas 10\trapesium\Flowchart Hitung Trapesium (2).py"

Masukkan sisi a, b, dan tinggi :

2

2

Masukkan ukuran sisi trapesium :

2

2

2

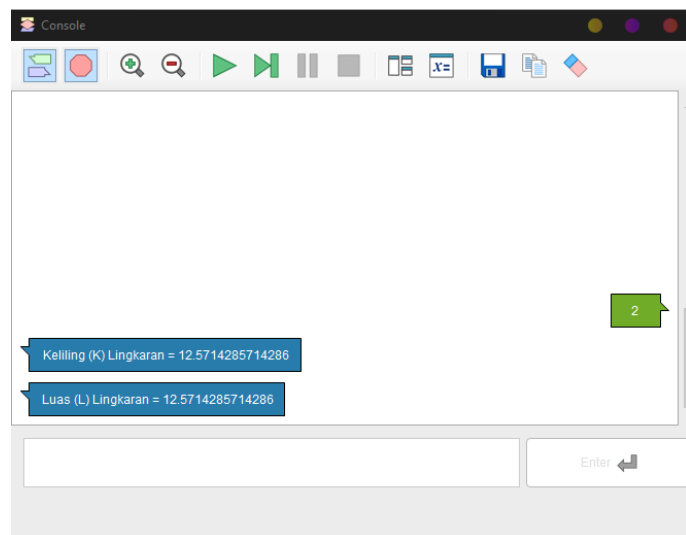
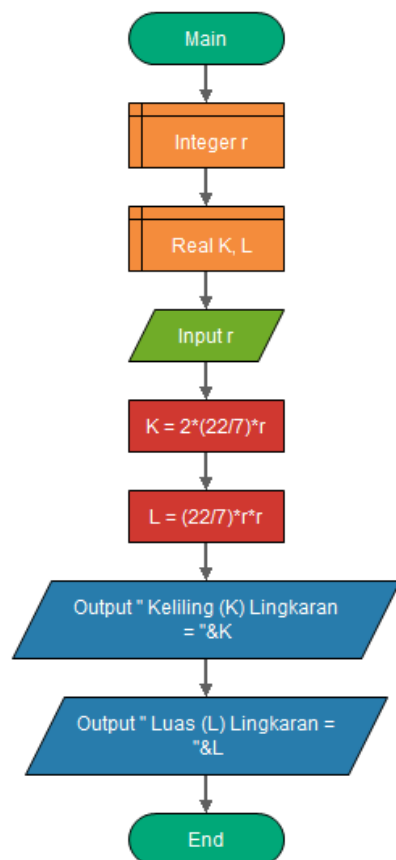
Luas trapesium adalah : 4.0

Keliling trapesium adalah : 8.0

PS C:\Users\Administrator> |

Python 3.9.7 64-bit

## ➤ LINGKARAN





The image shows a Visual Studio Code window titled "Flow Lingkaran.py - Visual Studio Code [Administrator]". The editor displays a Python script named "Flow Lingkaran.py" with the following code:

```
1 r = int(input())
2 k = 2 * (float(22) / 7) * r
3 l = float(22) / 7 * r * r
4 print(" Keliling (K) Lingkaran = " + str(k))
5 print(" Luas (L) Lingkaran = " + str(l))
6
```

Below the editor, the TERMINAL pane shows the execution of the script using PowerShell. The command used is:

```
PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "c:/Users/Administrator/Pictures/tugas 10/lingkaran/Flow Lingkaran.py"
```

The output of the script is:

```
2
Keliling (K) Lingkaran = 12.571428571428571
Luas (L) Lingkaran = 12.571428571428571
PS C:\Users\Administrator> []
```

A notification bubble in the bottom right corner states: "Python extension is now installed. Some features might not be available until a notebook or interactive window session is restarted." with a source link to "Jupyter (Extension)".