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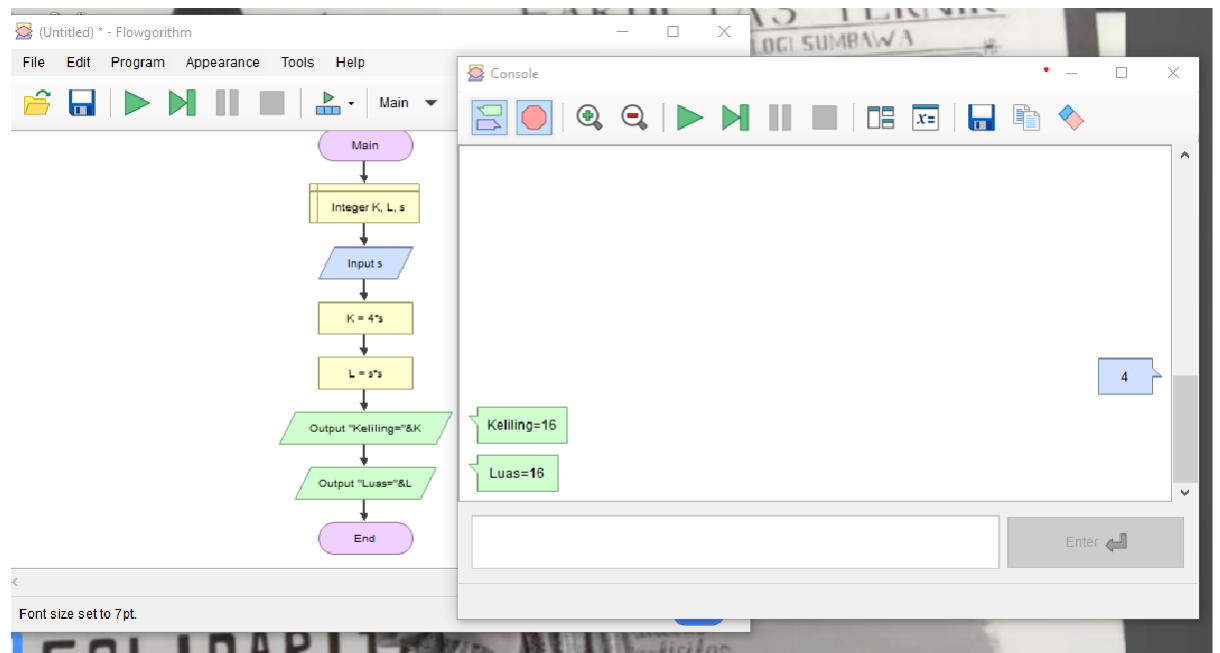
Kelas : Teknik Informatika B

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' open. 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

```

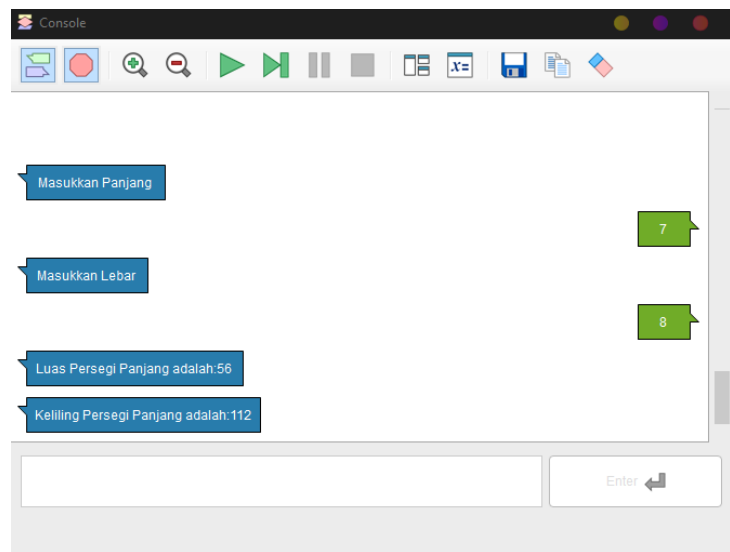
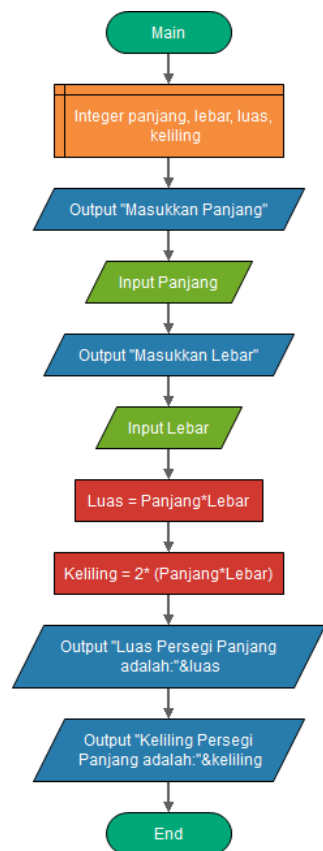
Below the editor, the terminal window shows the command prompt output:

```

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> 22

```

➤ **PERSEGI PANJANG**

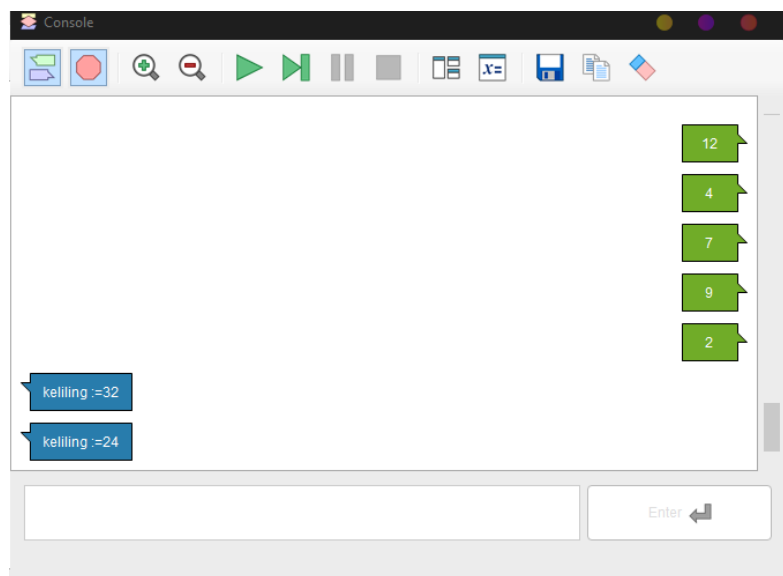
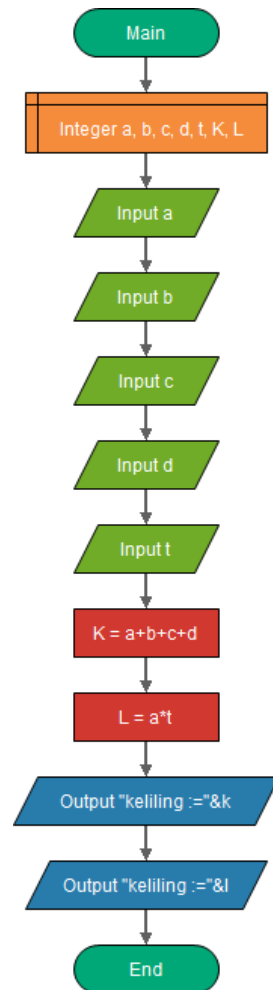


```

File Edit Selection View Go Run Terminal Help Flow Menghitung Luas dan Keliling Persegi Panjang - Visual Studio Code (Administrator)
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 C# compiler Roslyn! https://aka.ms/roslyn
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 d
an 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 3.8.0

```

➤ PAJANG GENJANG



```

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("luas := " + str(l))
10

```

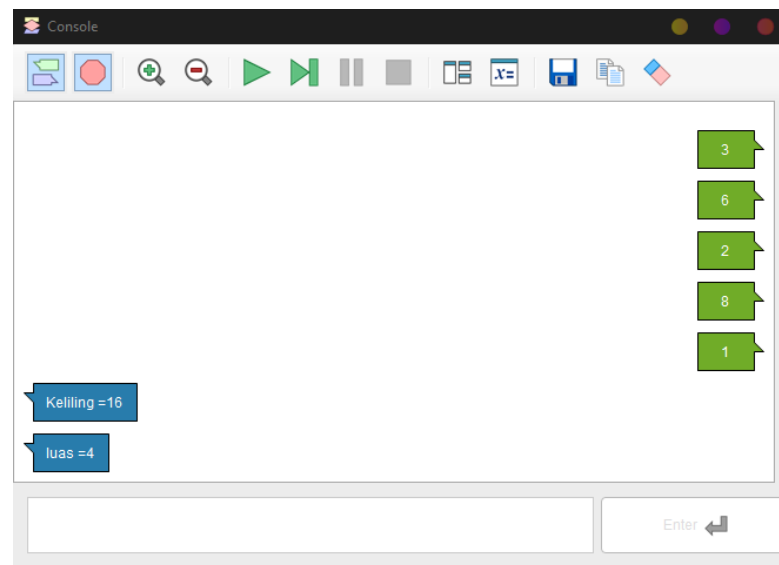
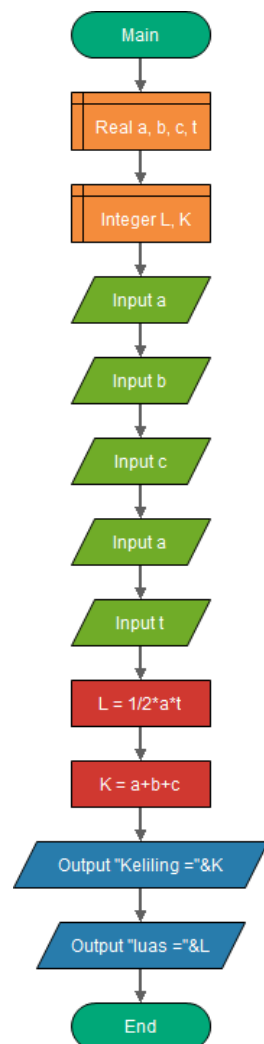
Terminal Output:

```

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Programs\Python\Python39\python.exe "C:\Users\Administrator\Documents\ugas_18\jajar_genjang\jajar-genjang.py"
3
2
2
2
keliling :=8
luas :=4
PS C:\Users\Administrator>

```

➤ **SEGITIGA**



```

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

```

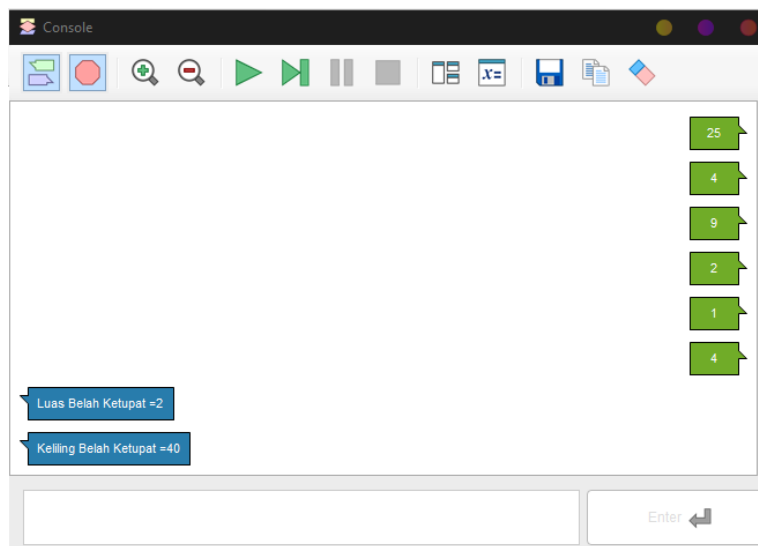
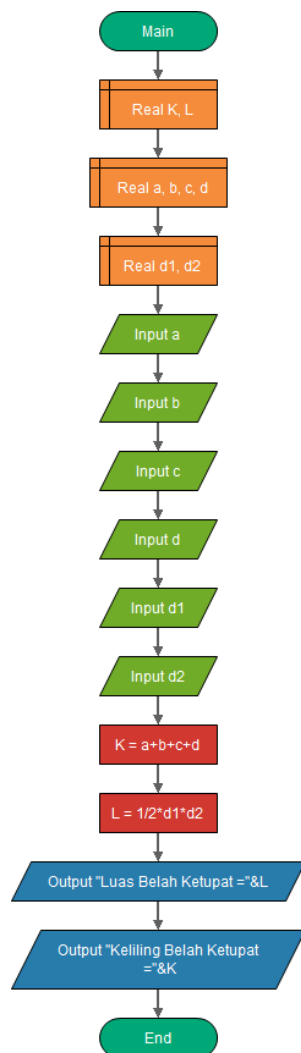
Terminal Output:

```

PS C:\Users\Vaadinistrator> & C:\Users\Vaadinistrator\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/Vaadinistrator/Pictures/rhuga_10/capitiga/capitiga_baca.py"
2
2
2
2
2
2
keliling =4
luas =2.0
PS C:\Users\Vaadinistrator>

```

➤ BELAH KETUPAT

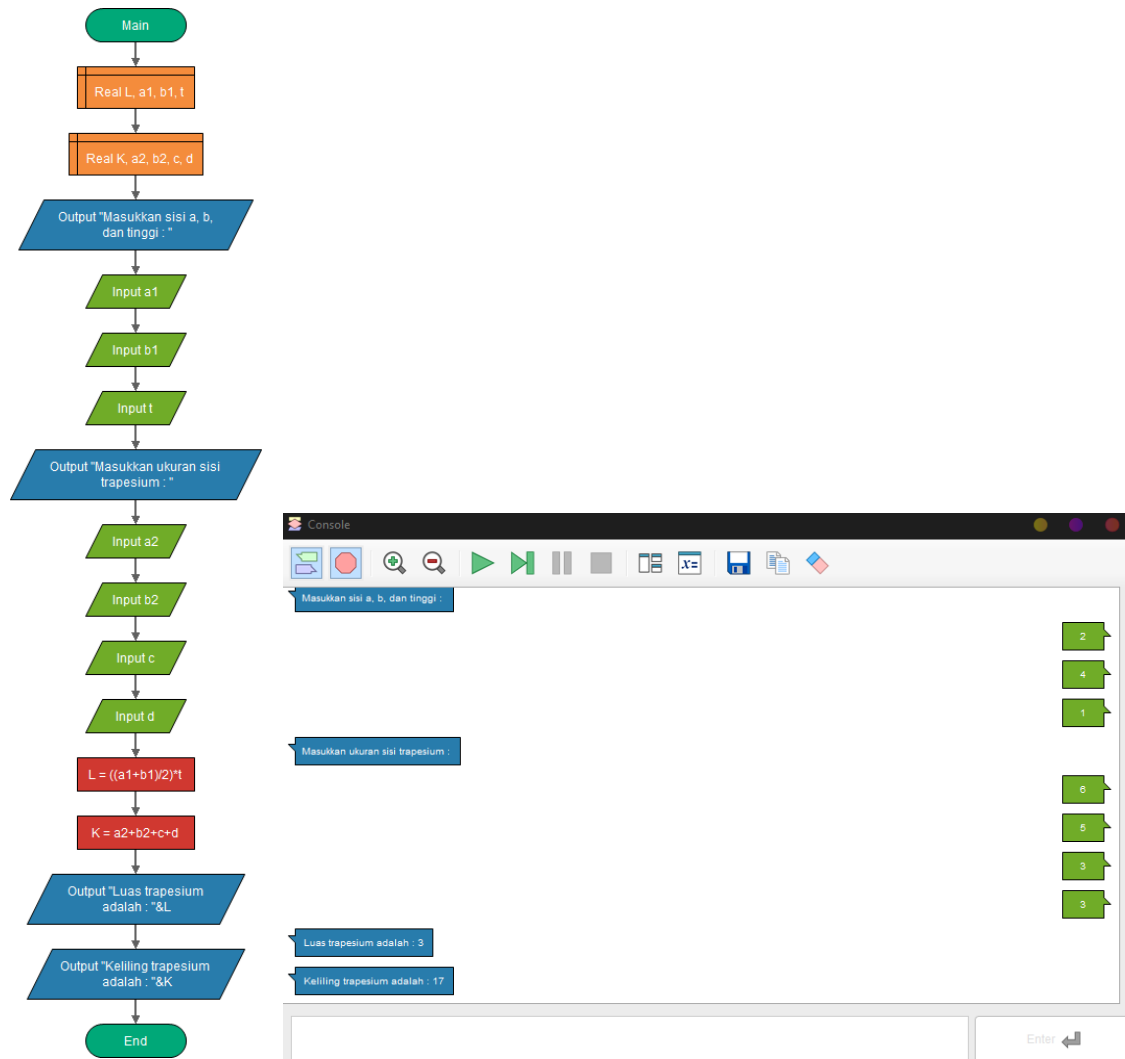



```

File Edit Selection View Go Run Terminal Help
Fowchart Hitung Layang-Layang (2Jzy) x
C:\Users\Administrator\Pictures> tugas 10 > layang > Fowchart Hitung Layang-Layang (2Jzy) > ...
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 + d1 * d2
26 k = a + b + c + d
27 print("Luas layang-layang adalah : " + str(l))
28 print("Keliling layang-layang adalah : " + str(k))
29
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
trator\Pictures\tugas 10\layang\Fowchart Hitung Layang-Layang (2Jzy)
Masukkan diagonal layang-layang :
2
2
Masukkan ukuran sisi layang-layang :
2
2
2
2
Luas layang-layang adalah : 3.0
Keliling layang-layang adalah : 8.0
python 3.97.94-bit

```

➤ TRAPESIUM



```

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

C:\Users\Administrator> D:\tugas 10 > trapezium > Flowchart Hitung Trapezium (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 trapezium : ")
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 trapezium adalah : " + str(l))
29 print("Keliling trapezium adalah : " + str(k))
30

```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

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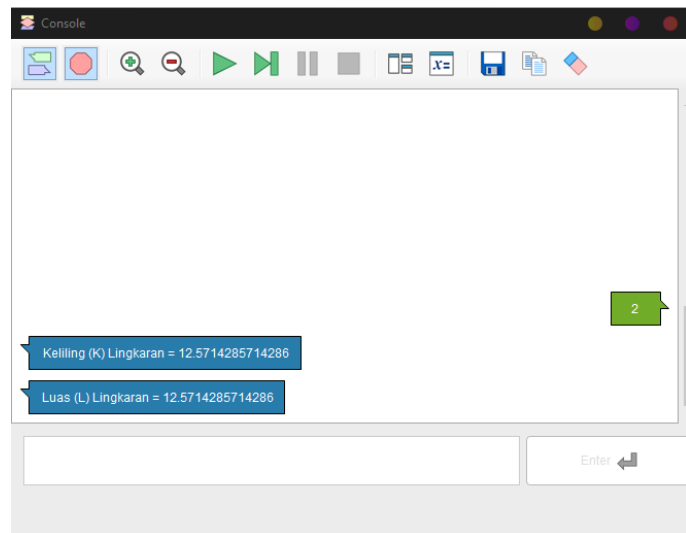
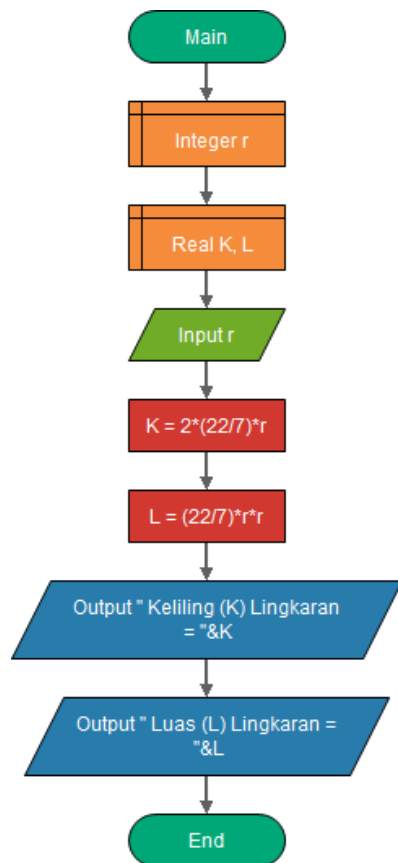
Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Administrator> & "C:\Users\Administrator\AppData\Local\Programs\Python\Python36\python.exe" "c:\Users\Administrator\Documents\tugas 10\trapezium\Flowchart Hitung Trapezium (2).py"

Masukkan sisi a, b, dan tinggi :
2
2
Masukkan ukuran sisi trapezium :
2
2
2
2
Luas trapezium adalah : 4.0
Keliling trapezium adalah : 8.0
PS C:\Users\Administrator>

Python 3.6.7 64-bit

➤ LINGKARAN




```
File Edit Selection View Go Run Terminal Help Flow Lingkarany - Visual Studio Code [Administrator]
FlowLingkarany.py X
C:\Users\Administrator> Pictures > Images 10 > Lingkarany > FlowLingkarany.py
1 r = int(input())
2 k = 1 + (float(22) / r) * r
3 l = float(22) / 7 * r * r
4 print(" Keliling (K) Lingkaran = " + str(k))
5 print(" Luas (L) Lingkaran = " + str(l))
6

PREVIEW EDITOR TERMINAL
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/powershell

PS C:\Users\Administrator> & C:\Users\Administrator\AppData\Local\Microsoft\Python\python.exe "C:\Users\Administrator\Pictures\Images\10\Lingkarany\FlowLingkarany.py"
2
Keliling (K) Lingkaran = 12.571428571428571
Luas (L) Lingkaran = 42.57142857142857
PS C:\Users\Administrator>
```

Python extension is now installed. Some features might not be available until a notebook or interactive window session is restarted.
Source: Jupyter (Extension) Ok