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Kelas : Teknik Informatika 3B

MK : Kecerdasan Buatan

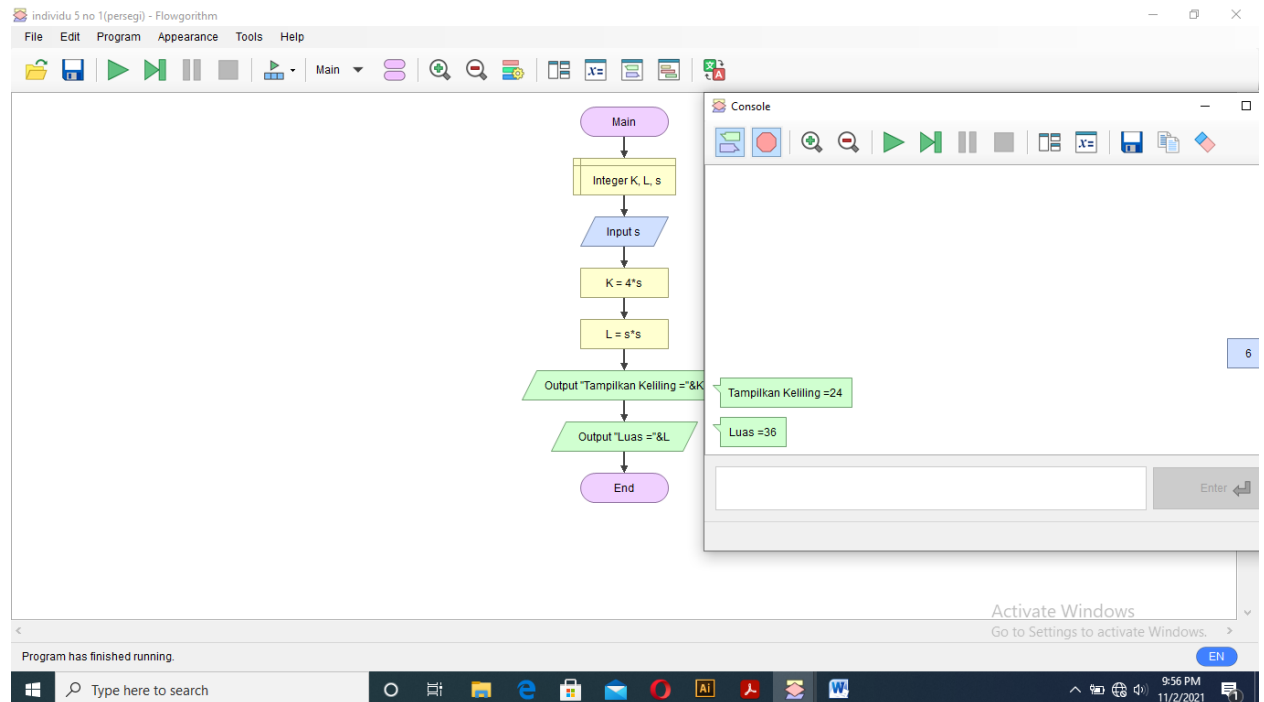
TUGAS INDIVIDU V

Berdasarkan dari gambar rumus Luas dan Keliling Bangunan datar di atas:

1. Buatlah flowchart dengan menggunakan flowgorithm berdasarkan Setiap rumus Luas dan Keliling Bangunan datar, Jalankan sesuai dengan inputan kalian sampai menemukan hasil.
2. Kemudian ketik ulang SC pada flowgorithm ke Vs- code, Jalakan sampai menemukan Hasil.

Jawab :

PERSEGI



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left lists files in the 'AI-PYTHON LANGUAGE' workspace: andini.py, iii.py, minggu4_code.py, and persegi panjang.txt. The main editor displays a Python file named 'tugas 5 no 1.py' with the following code:

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

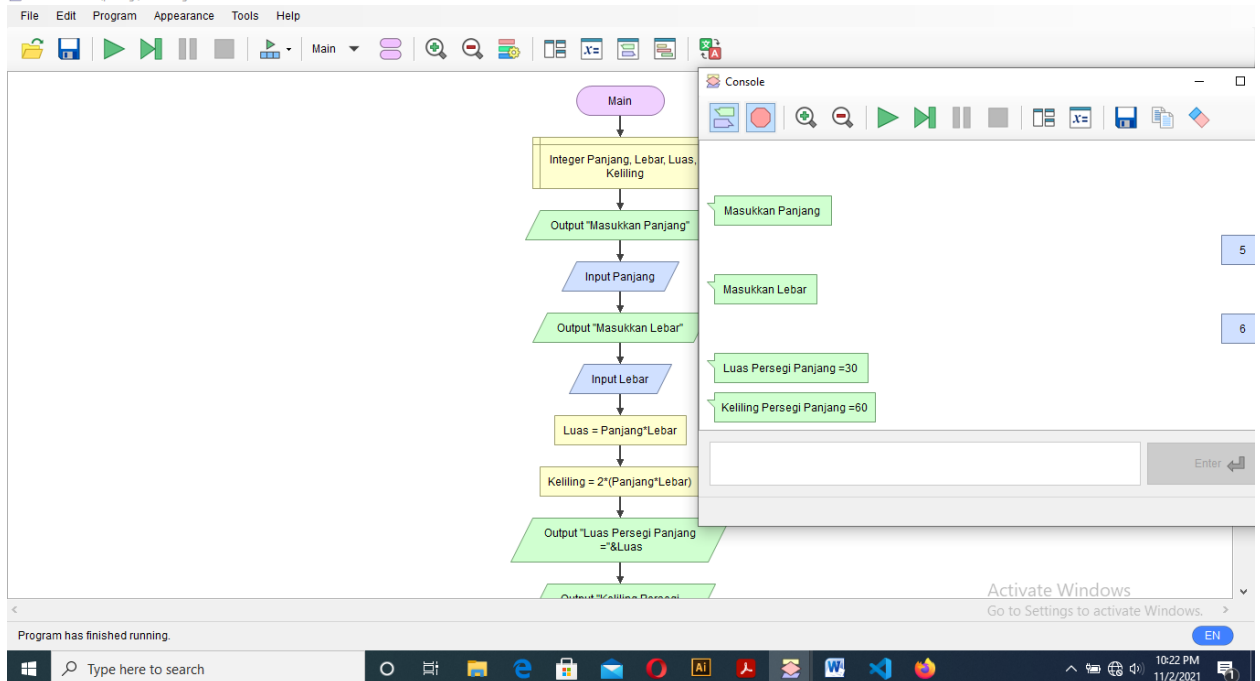
The TERMINAL pane at the bottom shows the execution of the script in a Windows PowerShell window. The output is:

```
PS C:\AI-PYTHON LANGUAGE> & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\USER\.vscode\extension
s\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '64599' '--' 'd:\FILE MATKUL SEMESTER 3\KB B\New
folder\tugas 5 no 1.py'
6
Tampilkan Keliling =24
Luas =36
PS C:\AI-PYTHON LANGUAGE>
```

The status bar at the bottom indicates the file is at line 6, column 1, with 4 spaces, in UTF-8 encoding with CRLF line endings. The Python version is 3.10.0 64-bit.

PERSEGI PANJANG

individu 5 no 1(persegi) - Flowgorithm



```
File Edit Selection View Go Run Terminal Help
tugas 5 no 1.py - AI-PYTHON LANGUAGE - Visual Studio Code

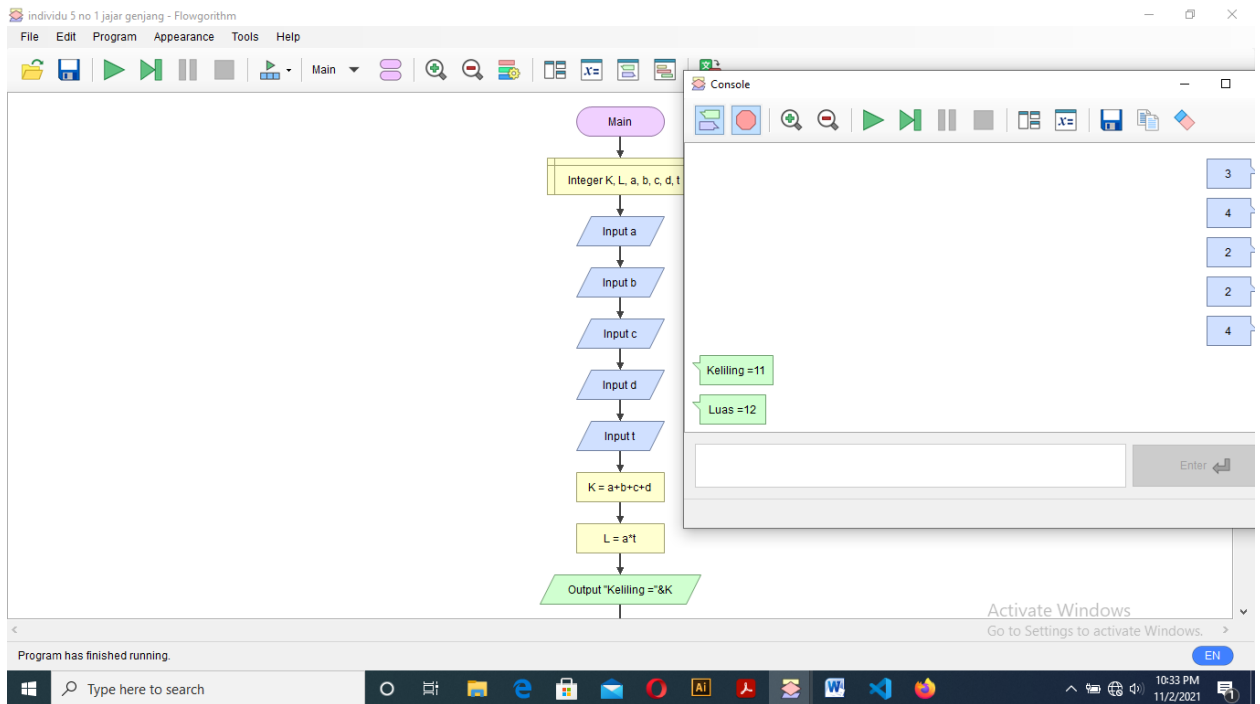
EXPLORER
AI-PYTHON LANGUAGE
  andini.py
  III.py
  minggu4_code.py
  persegi panjang.txt

D:\> FILE MATKUL SEMESTER 3 > KB B > New folder > tugas 5 no 1.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 =" + str(luas))
8 print("Keliling Persegi Panjang =" + str(keliling))
9

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Tampilkan Keliling ~24
Luas ~36
PS C:\AI-PYTHON LANGUAGE> c:; cd 'c:\AI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe'
'c:\Users\USER\vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '61798' '--' 'd:\
FILE MATKUL SEMESTER 3\KB B\New folder\tugas 5 no 1.py'
Masukkan Panjang
5
Masukkan Lebar
6
Luas Persegi Panjang ~30
Keliling Persegi Panjang ~60
PS C:\AI-PYTHON LANGUAGE>

Python 3.10.0 64-bit 0 0 0
Type here to search
Ln 9, Col 1 Spaces: 4 UTF-8 CRLF Python
10:23 PM 11/2/2021
```

JAJAR GENJANG



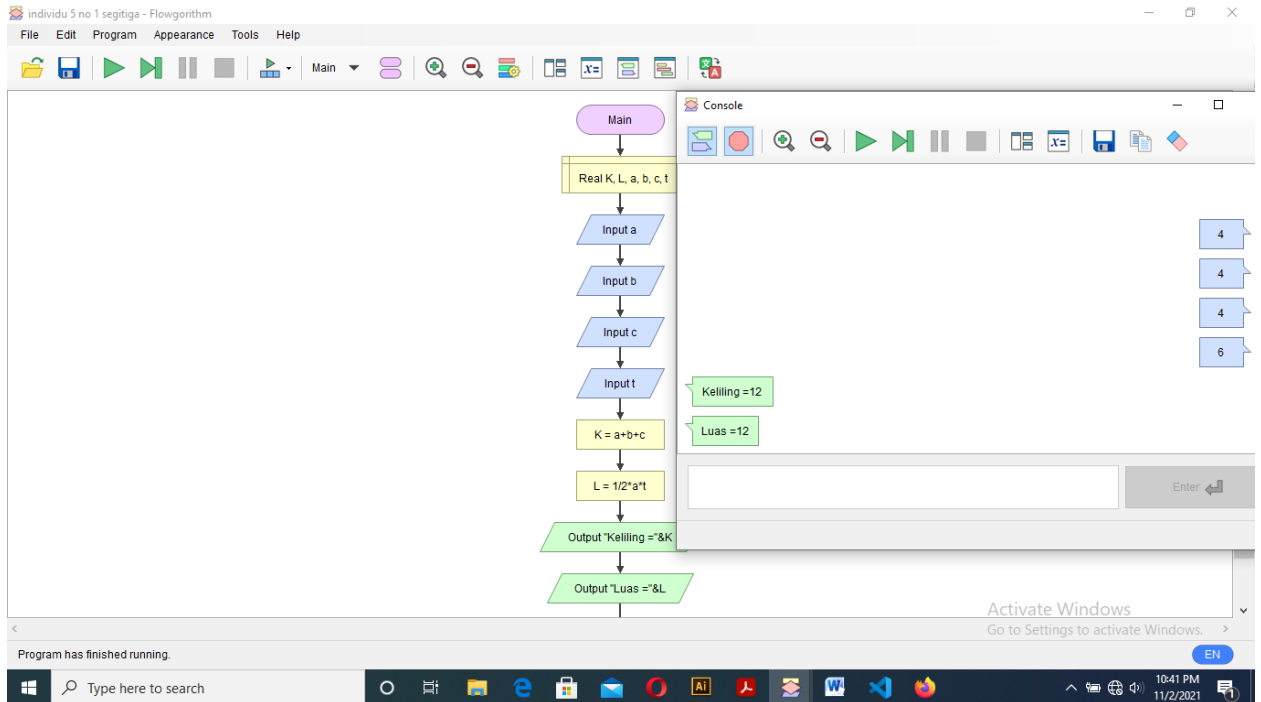
The screenshot shows the Visual Studio Code interface with a Python file named 'tugas 5 no 1.py'. The code defines variables a, b, c, d, and t, calculates the perimeter (k) and area (l), and prints the results. The terminal output shows the execution results: 'Keliling Persegi Panjang =60' and 'Luas =12'.

```
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:\AI-PYTHON LANGUAGE> cd 'c:\AI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\USER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '61883' '-.' 'd:\FILE MATKUL SEMESTER 3\KB B\New folder\tugas 5 no 1.py'
3
4
2
2
4
Keliling =11
Luas =12
PS C:\AI-PYTHON LANGUAGE>
```

SEGITIGA



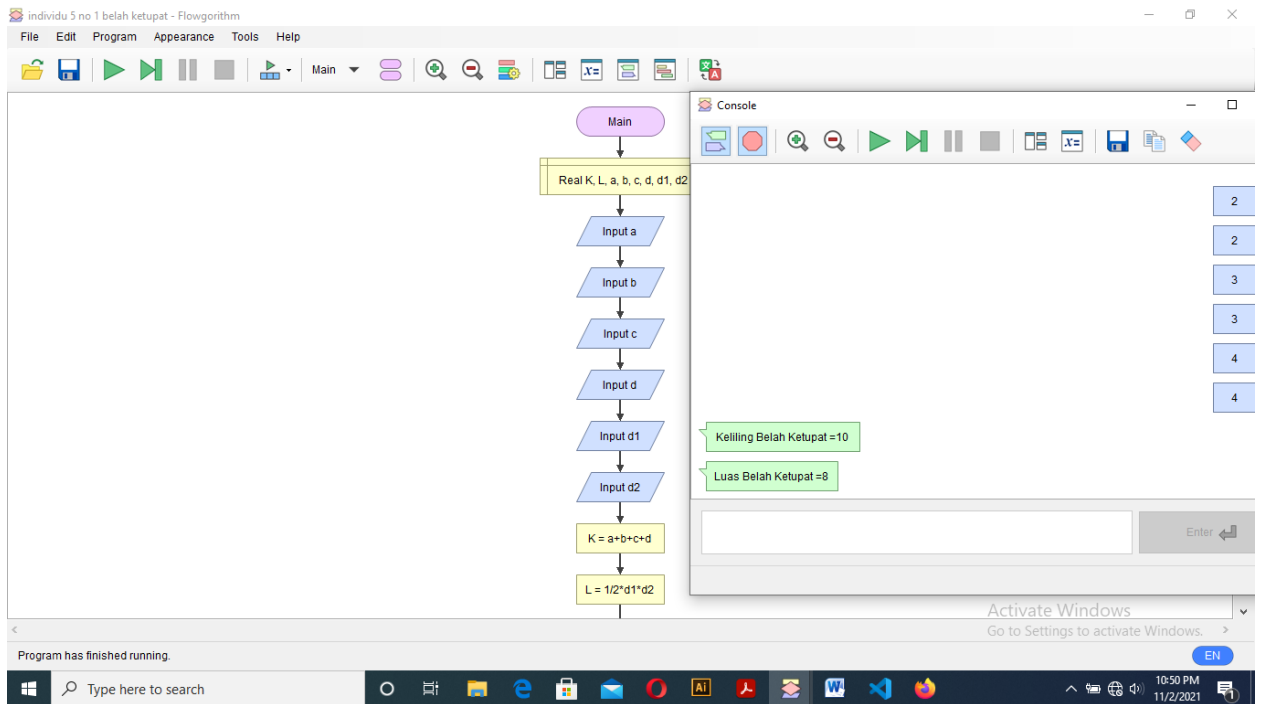
```
1 a = float(input())
2 b = float(input())
3 c = float(input())
4 d = float(input())
5 k = a + b + c
6 l = float(1) / 2 * a * t
7 print("Keliling =" + str(k))
8 print("Luas =" + str(l))
9
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Keliling =11
Luas =12
PS C:\AI-PYTHON LANGUAGE> c:; cd 'c:\AI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\USER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '61888' '--' 'd:\FILE MATKUL SEMESTER 3\KB B\New folder\tugas 5 no 1.py'

Keliling =12.0
Luas =12.0
PS C:\AI-PYTHON LANGUAGE>

BELAH KETUPAT

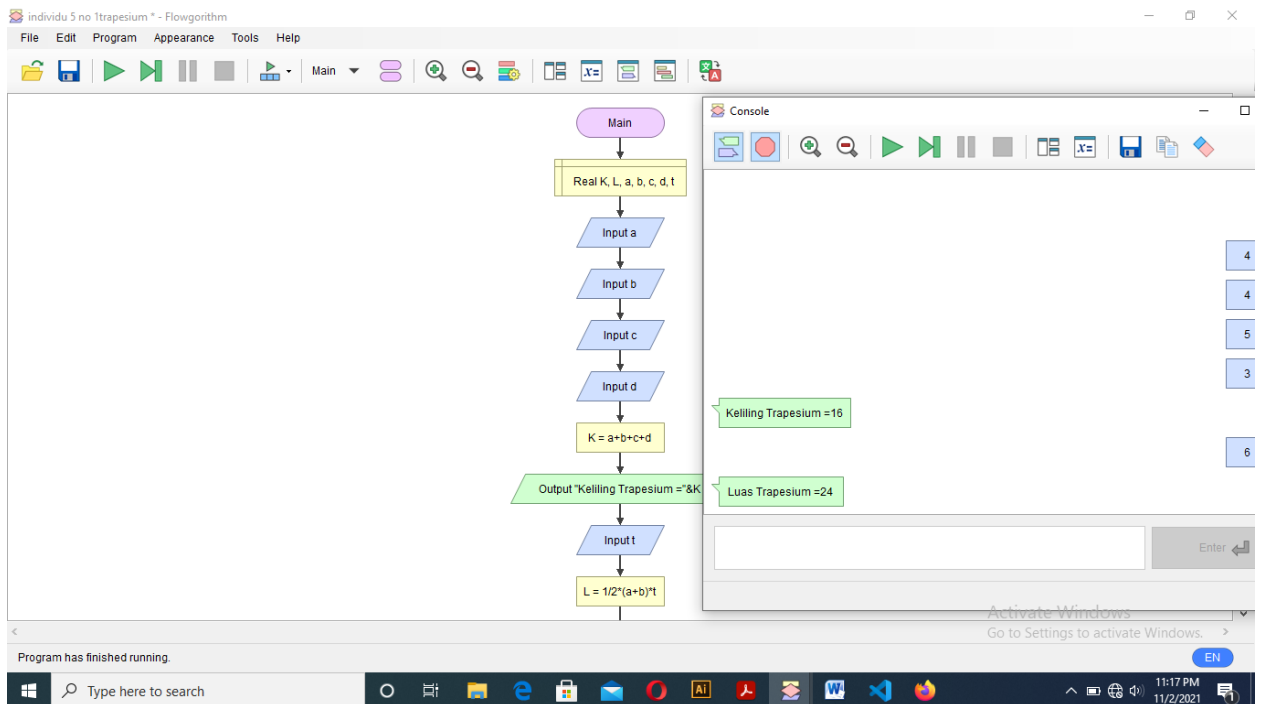



```
D: > FILE MATKUL SEMESTER 3 > KB B > New folder > tugas 5 no 1.py > ...
1 a = float(input())
2 b = float(input())
3 c = float(input())
4 d = float(input())
5 k = a + b + c + d
6 print("Keliling Layang-layang=" + str(k))
7 d1 = float(input())
8 d2 = float(input())
9 l = float(l) / 2 * d1 * d2
10 print("Luas Layang-layang =" + str(l))
11
```

PS C:\VAI-PYTHON LANGUAGE> C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe 'c:\Users\USER\vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '61818' '-.' 'd:\FILE MATKUL SEMESTER 3\KB B\New folder\tugas 5 no 1.py'

3
4
4
Keliling Layang-layang=14.0
6
8
Luas Layang-layang =24.0
PS C:\VAI-PYTHON LANGUAGE>

TRAPESIUM



```
1 a = float(input())
2 b = float(input())
3 c = float(input())
4 d = float(input())
5 k = a + b + c + d
6 print("Keliling Trapesium =" + str(k))
7 t = float(input())
8 l = float(1) / 2 * (a + b) * t
9 print("Luas Trapesium =" + str(l))
10
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE

Luas Layang-layang ~24.0
PS C:\VAI-PYTHON LANGUAGE> cd 'C:\VAI-PYTHON LANGUAGE'; & 'C:\Users\USER\AppData\Local\Programs\Python\Python310\python.exe' 'c:\Users\USER\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '61823' '-.' 'd:\FILE MATKUL SEMESTER 3\KB B\New folder\tugas 5 no 1.py'

4
5
6
3
Keliling Trapesium ~16.0
Luas Trapesium ~24.0
PS C:\VAI-PYTHON LANGUAGE>

LINGKARAN

