Nama : Sulastri

Nim : 20.01.013.015

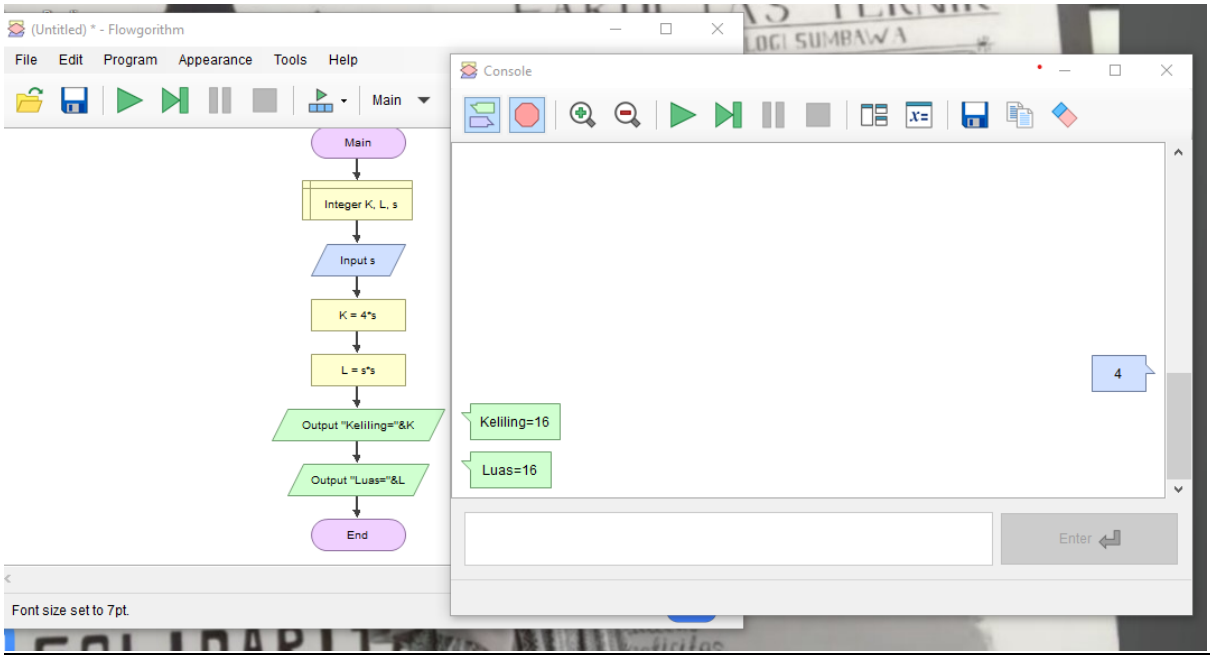
Mk : Kecerdasan Buatan

Kelas : Teknik Informatika B

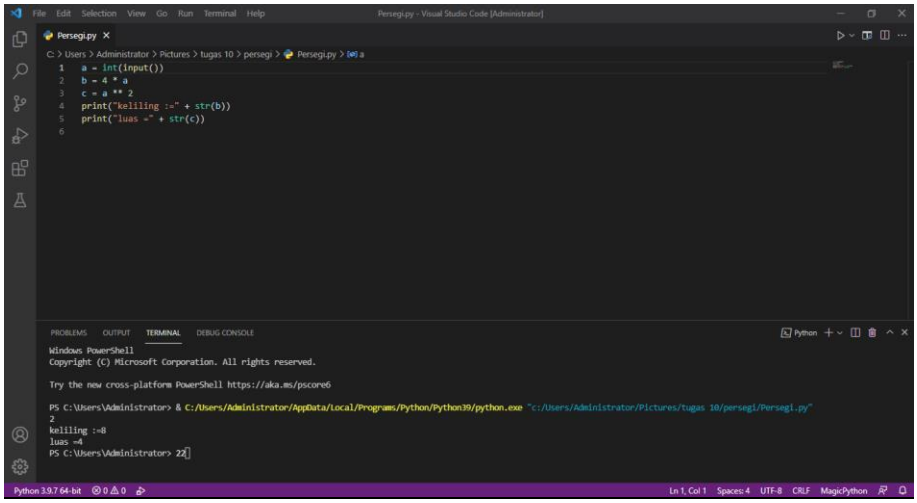
TUGAS INDIVIDU V

RUMUS LUAS DAN KELILING BANGUN DATAR

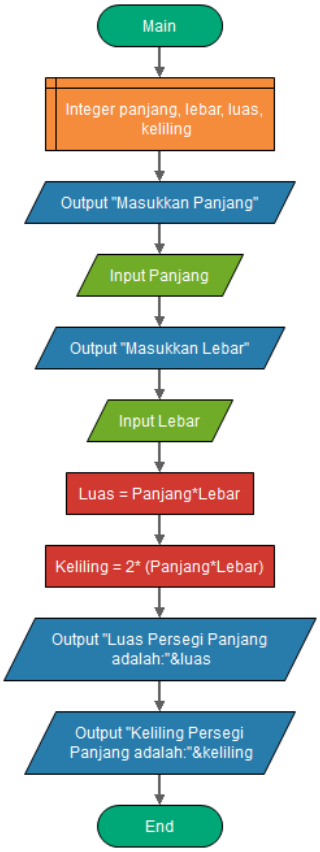
- **PERSEGI**
  - **Flowgorithm**

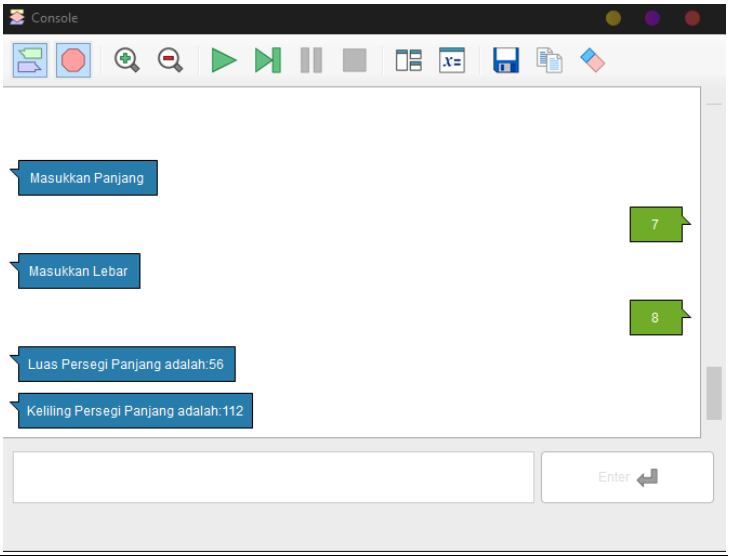


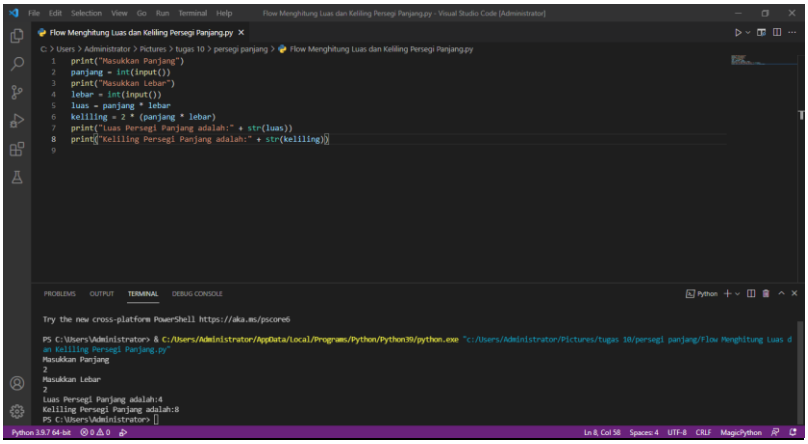
- **Vs-code**



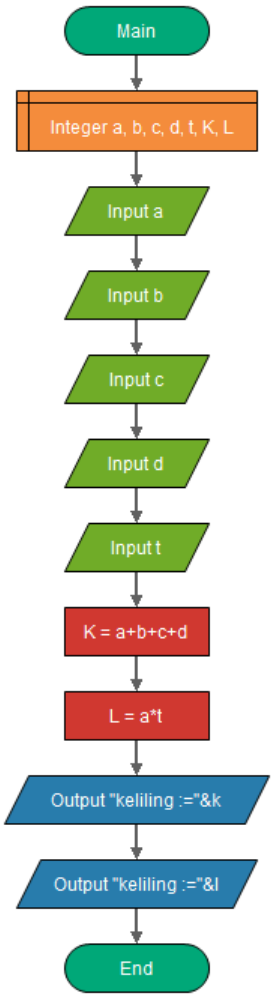
➢ **PERSEGI PANJANG**

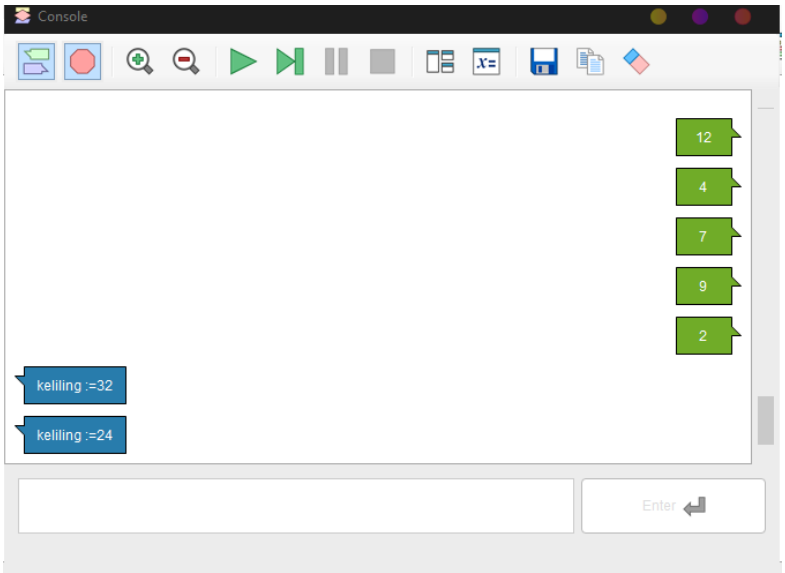


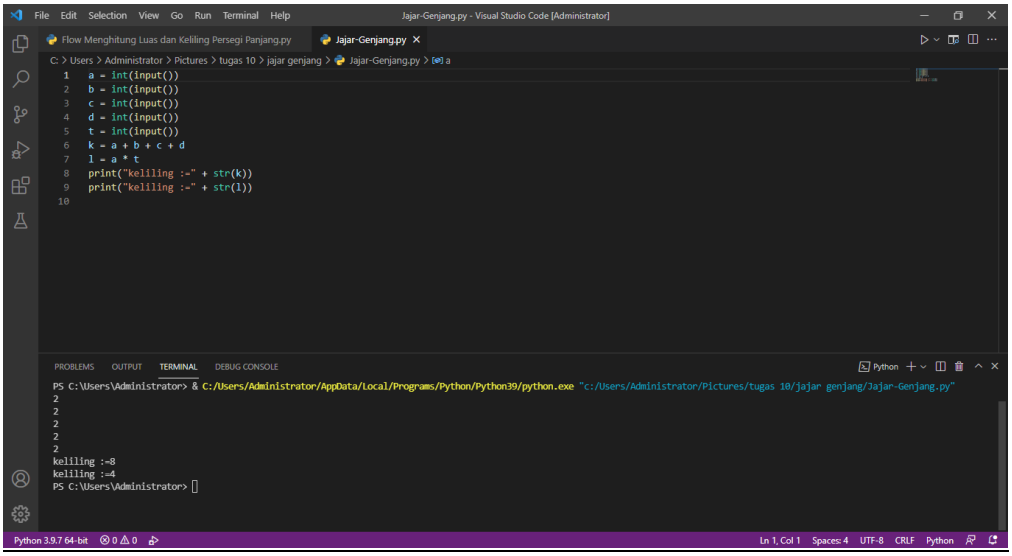




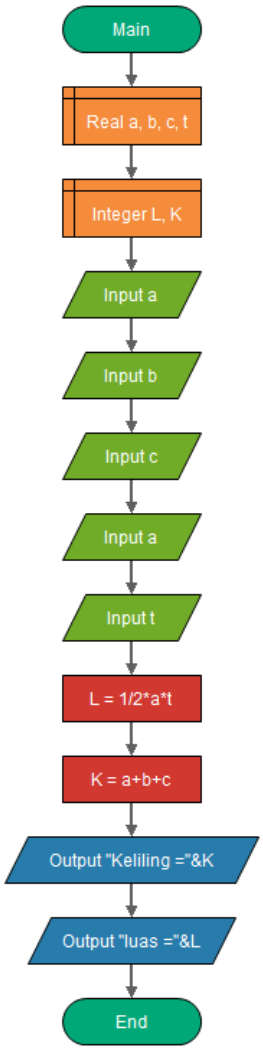
- **JAJAR GENJANG**

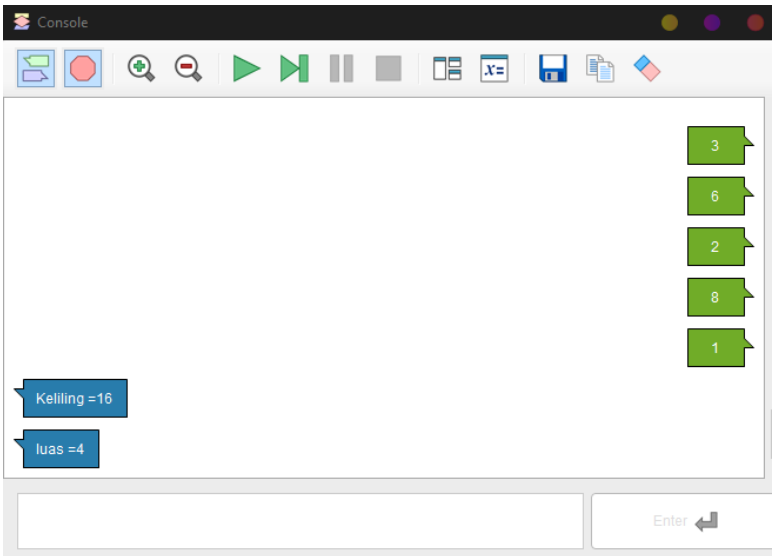


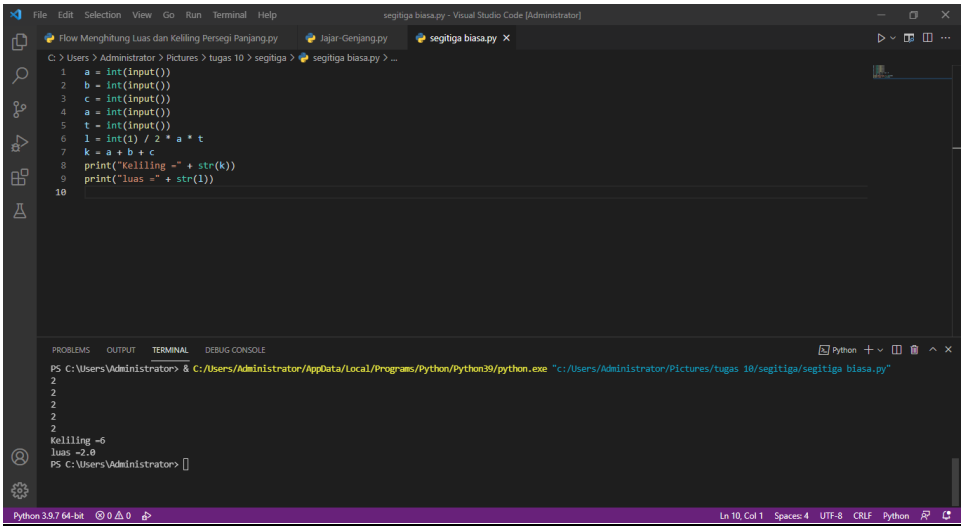



File Edit Selection View Go Run Terminal Help
Jajar-Genjang.py - Visual Studio Code [Administrator]
Flow Menghitung Luas dan Keliling Persegi Panjang.py
Jajar-Genjang.py
C: > Users > Administrator > Pictures > tugas 10 > jajar genjang > Jajar-Genjang.py > a
1 a = int(input())
2 b = int(input())
3 c = 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
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
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"
2
2
2
2
2
keliling :=8
keliling :=4
PS C:\Users\Administrator>
Python 3.9.7 64-bit
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python

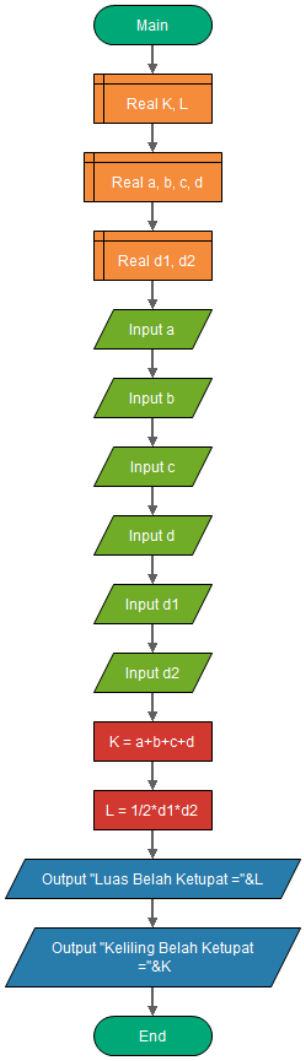
- **SEGITIGA**

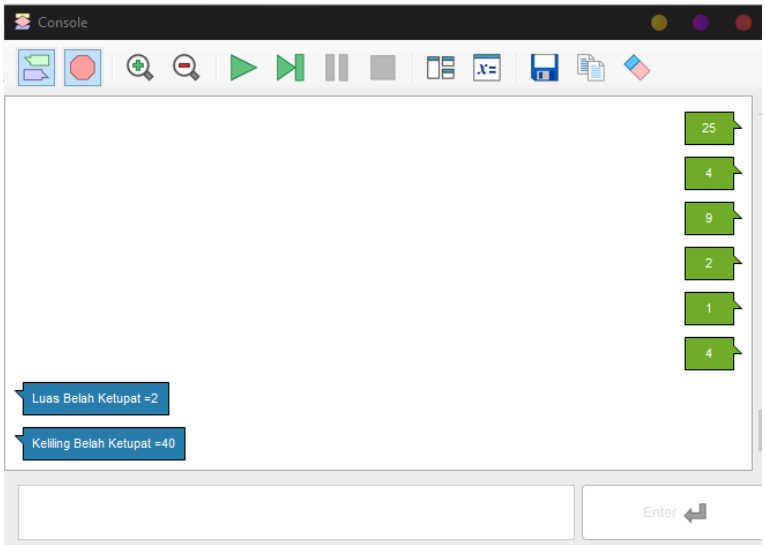

Main
Real a, b, c, t
Integer L, K
Input a
Input b
Input c
Input a
Input t
L = 1/2*a*t
K = a+b+c
Output "Keliling ="&K
Output "luas ="&L
End

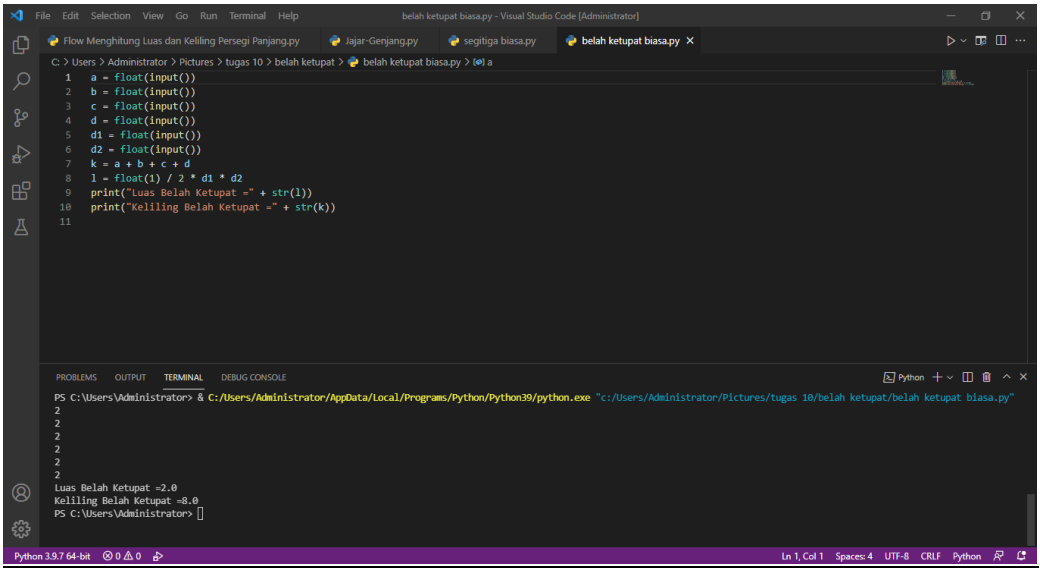

Console
3
6
2
8
1
Keliling =16
luas =4
Enter



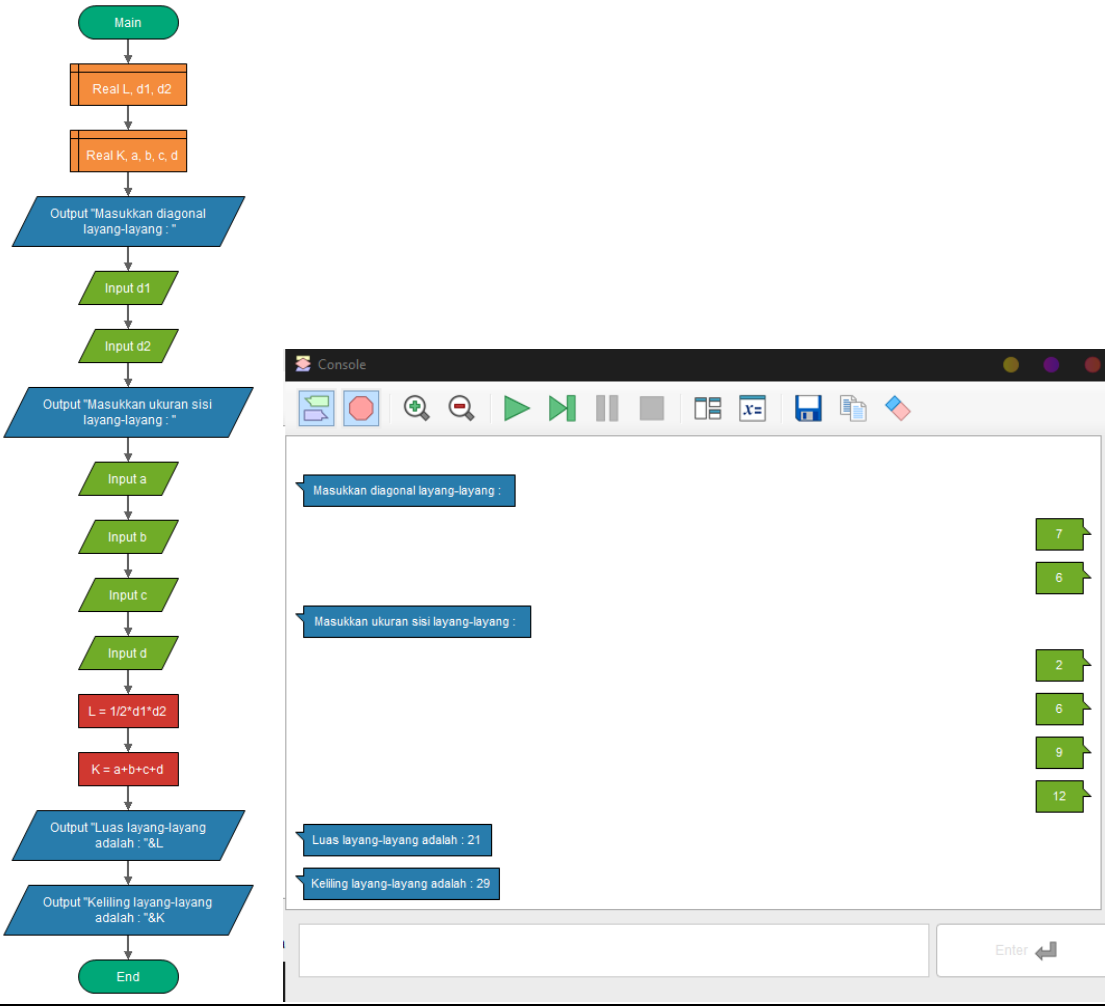
➢ BELAH KETUPAT

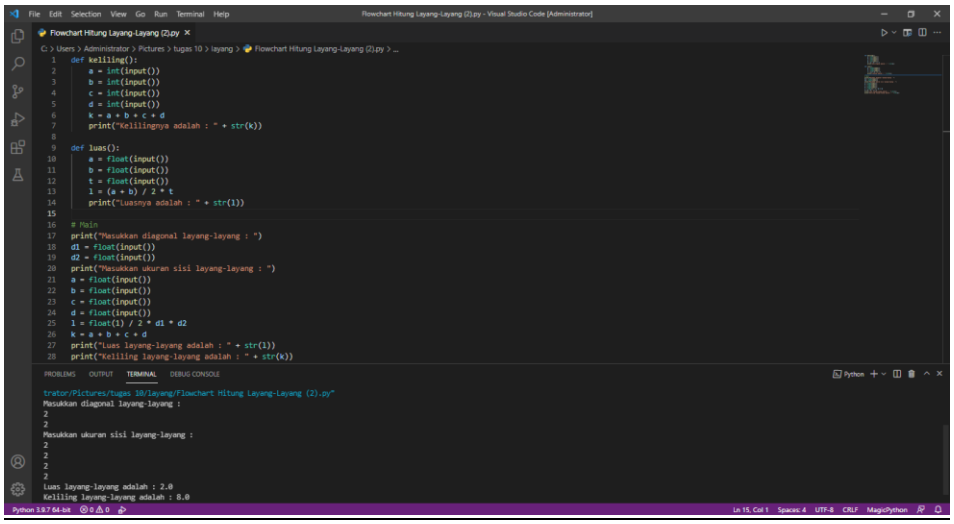




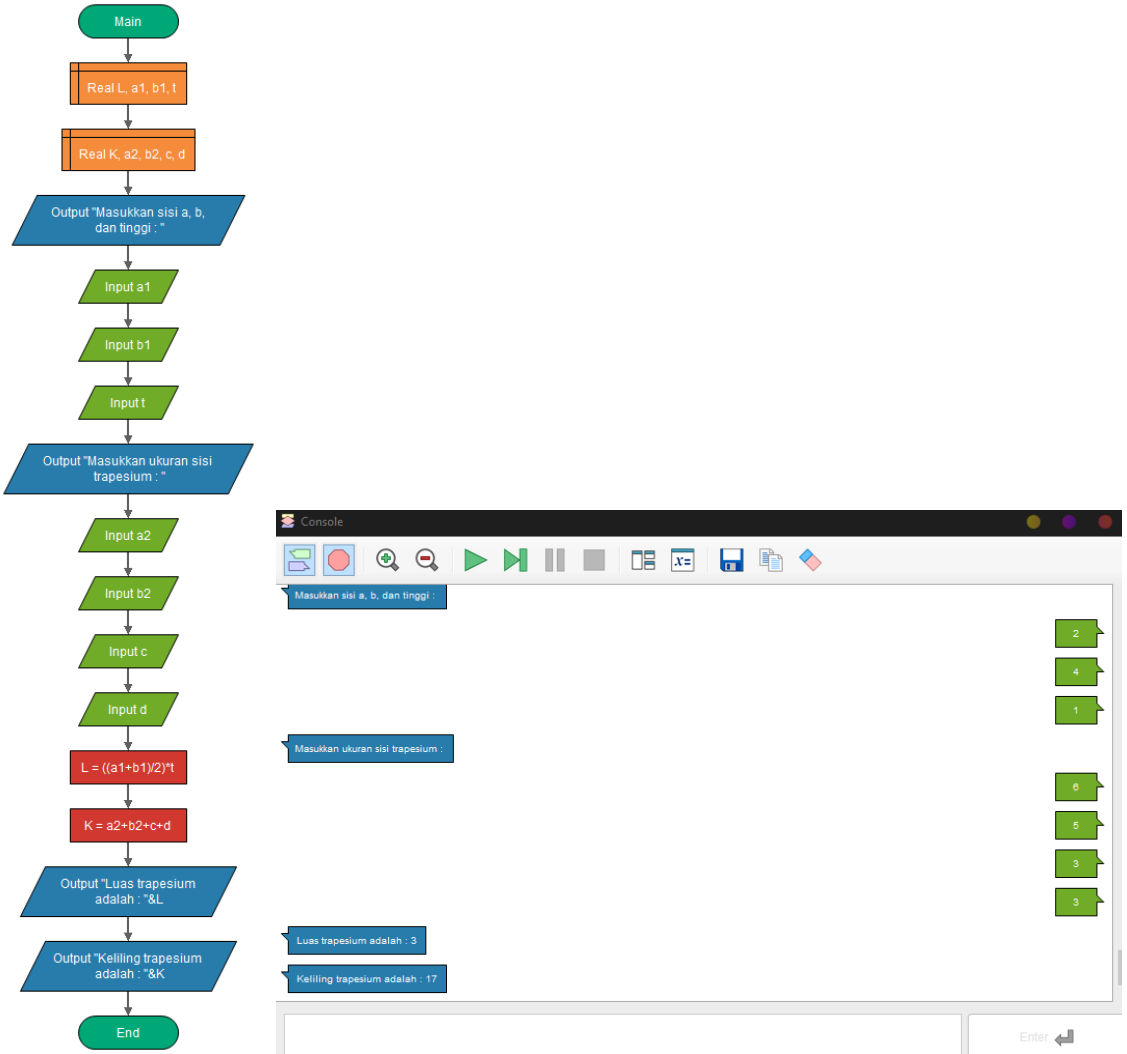


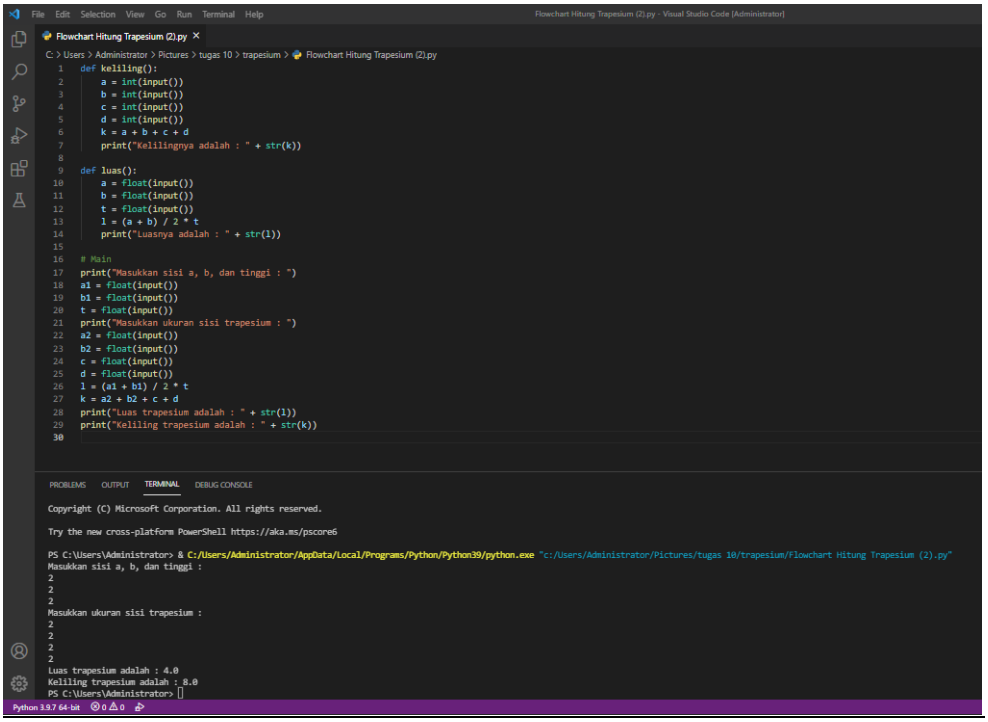
➢ LAYANG LAYANG



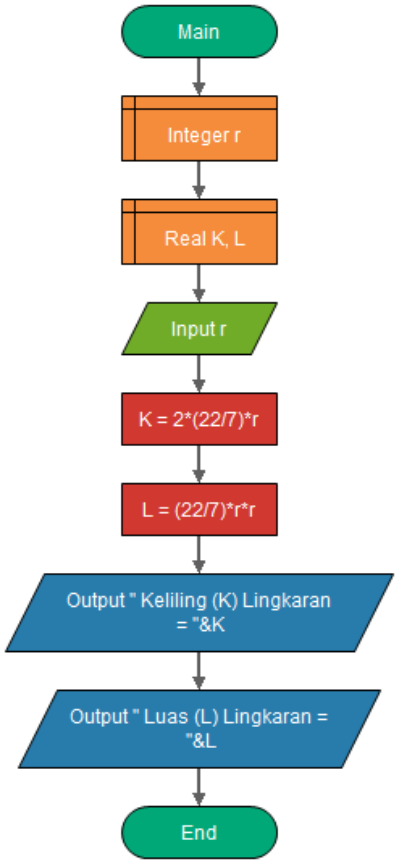

Flowchart Hitung Layang-Layang (2).py - Visual Studio Code [Administrator]
def keliling():
a = int(input())
b = int(input())
c = int(input())
d = int(input())
k = a + b + c + d
print("Kelilingnya adalah : " + str(k))
def luas():
a = float(input())
b = float(input())
t = float(input())
l = (a + b) / 2 * t
print("Luasnya adalah : " + str(l))
# Main
print("Masukkan diagonal layang-layang : ")
d1 = float(input())
d2 = float(input())
print("Masukkan ukuran sisi layang-layang : ")
a = float(input())
b = float(input())
c = float(input())
d = float(input())
l = float(l) / 2 * d1 * d2
k = a + b + c + d
print("Luas layang-layang adalah : " + str(l))
print("Keliling layang-layang adalah : " + str(k))
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Masukkan diagonal layang-layang :
2
2
Masukkan ukuran sisi layang-layang :
2
2
2
2
Luas layang-layang adalah : 2.0
Keliling layang-layang adalah : 8.0

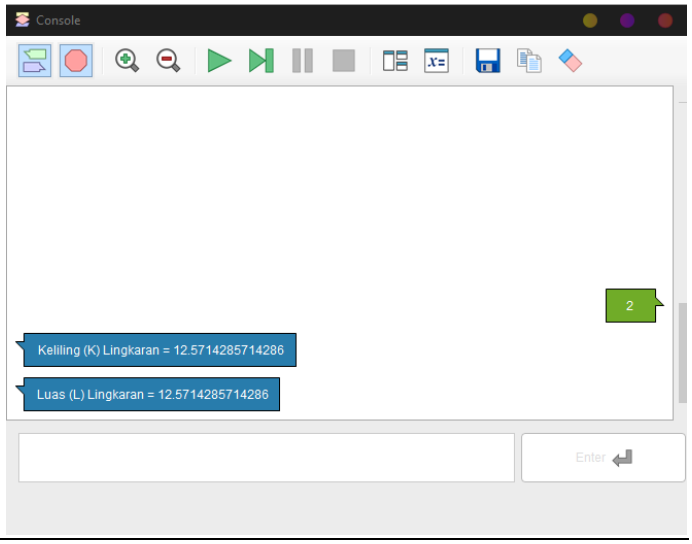
- **TRAPESIUM**

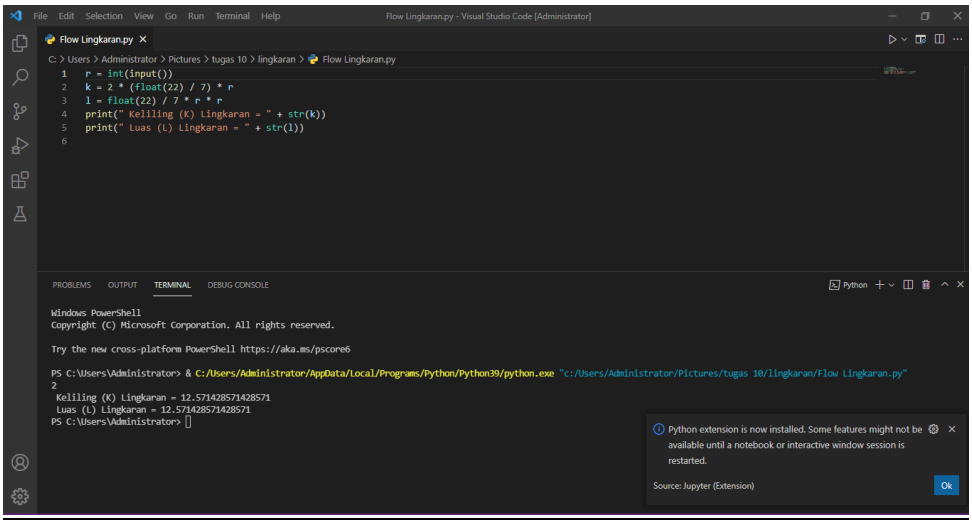

Main
Real L, a1, b1, t
Real K, a2, b2, c, d
Output "Masukkan sisi a, b, dan tinggi : "
Input a1
Input b1
Input t
Output "Masukkan ukuran sisi trapesium : "
Input a2
Input b2
Input c
Input d
L = ((a1+b1)/2)*t
K = a2+b2+c+d
Output "Luas trapesium adalah : "&L
Output "Keliling trapesium adalah : "&K
End
Console
Masukkan sisi a, b, dan tinggi :
2
4
1
Masukkan ukuran sisi trapesium :
6
5
3
3
Luas trapesium adalah : 3
Keliling trapesium adalah : 17
Enter


Flowchart Hitung Trapesium (2).py
C: > Users > Administrator > Pictures > tugas 10 > trapesium > Flowchart Hitung Trapesium (2).py
def keliling():
a = int(input())
b = int(input())
c = int(input())
d = int(input())
k = a + b + c + d
print("Kelilingnya adalah : " + str(k))
def luas():
a = float(input())
b = float(input())
t = float(input())
l = (a + b) / 2 * t
print("Luasnya adalah : " + str(l))
# Main
print("Masukkan sisi a, b, dan tinggi : ")
a1 = float(input())
b1 = float(input())
t = float(input())
print("Masukkan ukuran sisi trapesium : ")
a2 = float(input())
b2 = float(input())
c = float(input())
d = float(input())
l = (a1 + b1) / 2 * t
k = a2 + b2 + c + d
print("Luas trapesium adalah : " + str(l))
print("Keliling trapesium adalah : " + str(k))
PROBLEMS
OUTPUT
TERMINAL
DEBUG CONSOLE
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
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
2
Masukkan ukuran sisi trapesium :
2
2
2
2
Luas trapesium adalah : 4.0
Keliling trapesium adalah : 8.0
PS C:\Users\Administrator>
Python 3.9.7 64-bit

- **LINGKARAN**


Main
Integer r
Real K, L
Input r
K = 2*(22/7)*r
L = (22/7)*r*r
Output " Keliling (K) Lingkaran = "&K
Output " Luas (L) Lingkaran = "&L
End


Console
2
Keliling (K) Lingkaran = 12.5714285714286
Luas (L) Lingkaran = 12.5714285714286
Enter


File Edit Selection View Go Run Terminal Help
Flow Lingkaran.py - Visual Studio Code [Administrator]
Flow Lingkaran.py
C: > Users > Administrator > Pictures > tugas 10 > lingkaran > Flow Lingkaran.py
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
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
Python
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Users\Administrator> & C:/Users/Administrator/AppData/Local/Programs/Python/Python39/python.exe "c:/Users/Administrator/Pictures/tugas 10/lingkaran/Flow Lingkaran.py"
2
Keliling (K) Lingkaran = 12.571428571428571
Luas (L) Lingkaran = 12.571428571428571
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