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Nim : 20.10.013.017

Kelas : kecerdasan buatan B

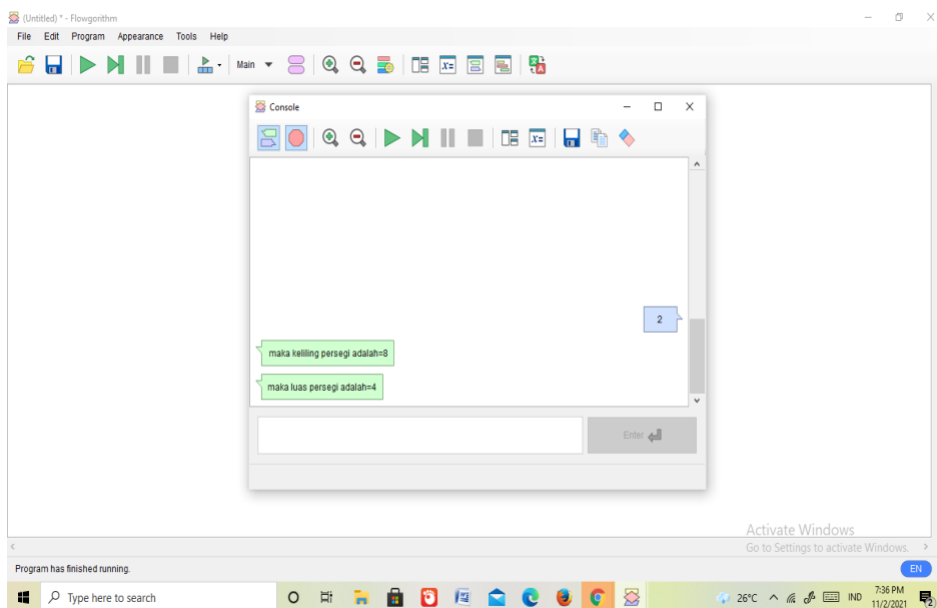
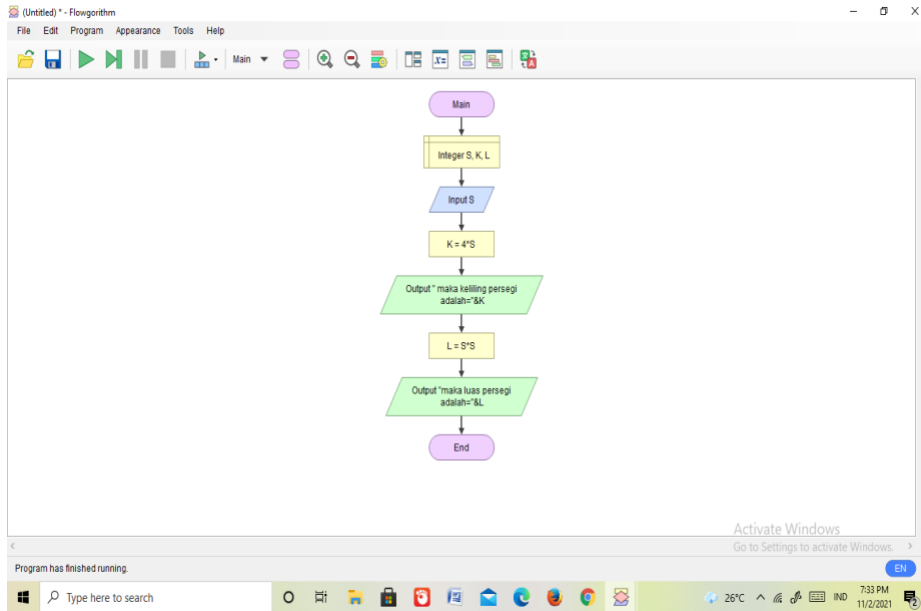
## KUMPULAN RUMUS

### KELILING DAN LUAS BANGUN DATAR

#### 1. PERSEGI

Rumus keliling persegi  $k = 4 \times S$

Luas persegi  $L = s \times s$



The screenshot shows a Visual Studio Code editor with a file named `rumus persegi.py`. The code is as follows:

```

1 print("masukkan nilai s :")
2 s = int(input())
3 k = 4 * s
4 print("maka keliling persegi adalah=" + str(k))
5 l = s * s
6 print("maka luas persegi adalah=" + str(l))

```

Below the editor, the terminal window shows the execution of the script using `python.exe`. The output is:

```

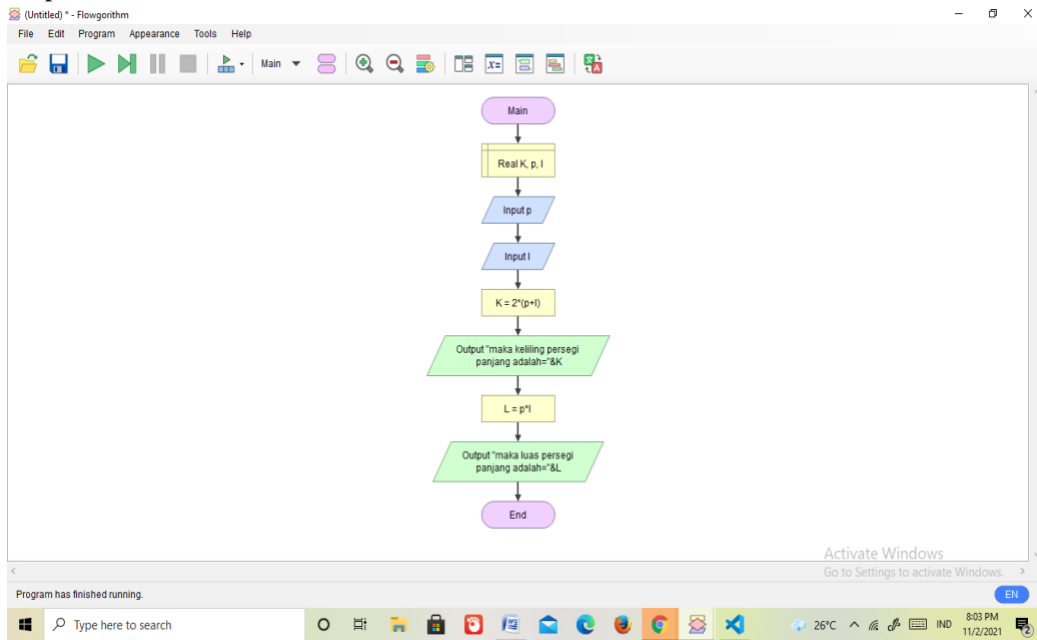
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/ACER/flowchart/sintax flowgorith/rumus persegi.py"
masukkan nilai s :
2
maka keliling persegi adalah=8
maka luas persegi adalah=4
PS C:\Users\ACER>

```

## 2. Persegi panjang

$$K = 2(p+l)$$

$$L = p \times l$$



The screenshot shows a console window with the following output:

```

maka keliling persegi panjang adalah=30
maka luas persegi panjang adalah=50

```

On the right side of the console, there are two input fields with the values `10` and `5` entered, corresponding to the inputs `p` and `l` in the flowchart.

```

1 p = float(input())
2 l = float(input())
3 k = 2 * (p + l)
4 print("maka keliling persegi panjang adalah-" + str(k))
5 l = p * l
6 print("maka luas persegi panjang adalah-" + str(l))
7

```

Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
Try the new cross-platform PowerShell <https://aka.ms/powershell>

```

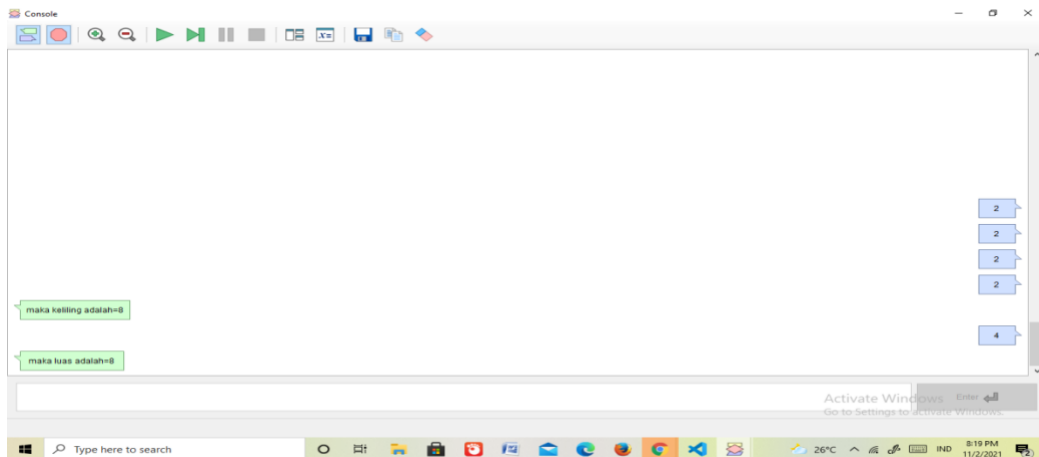
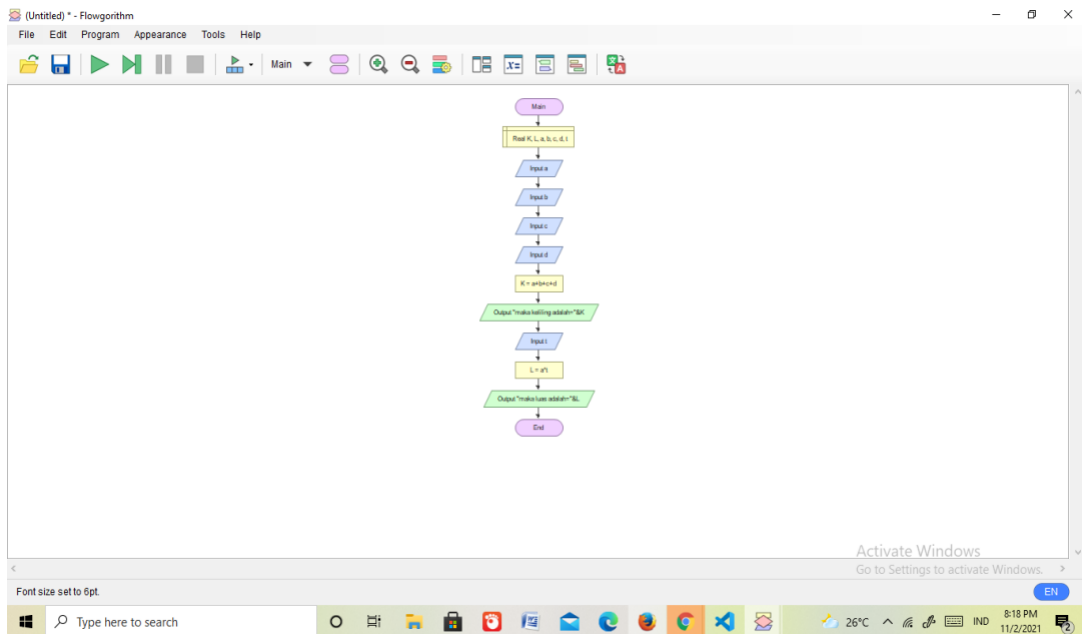
PS C:\Users\ACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "c:/Users/ACER/Flowchart/sintax flowgorithm/persegi panjang.py"
10
5
maka keliling persegi panjang adalah=30.0
maka luas persegi panjang adalah=50.0
PS C:\Users\ACER>

```

### 3. Jajargenjang

$$K=a+b+c+d$$

$$L=a \times t$$



```

1 print ("a= \n")
2 a = float(input())
3 print("b= \n")
4 b = float(input())
5 print("c= \n")
6 c = float(input())
7 print("d= \n")
8 d = float(input())
9 k = a + b + c + d
10 print("maka keliling adalah=" + str(k))
11 print("t= \n")
12 t = float(input())
13 l = a * t
14 print("maka luas adalah=" + str(l))

```

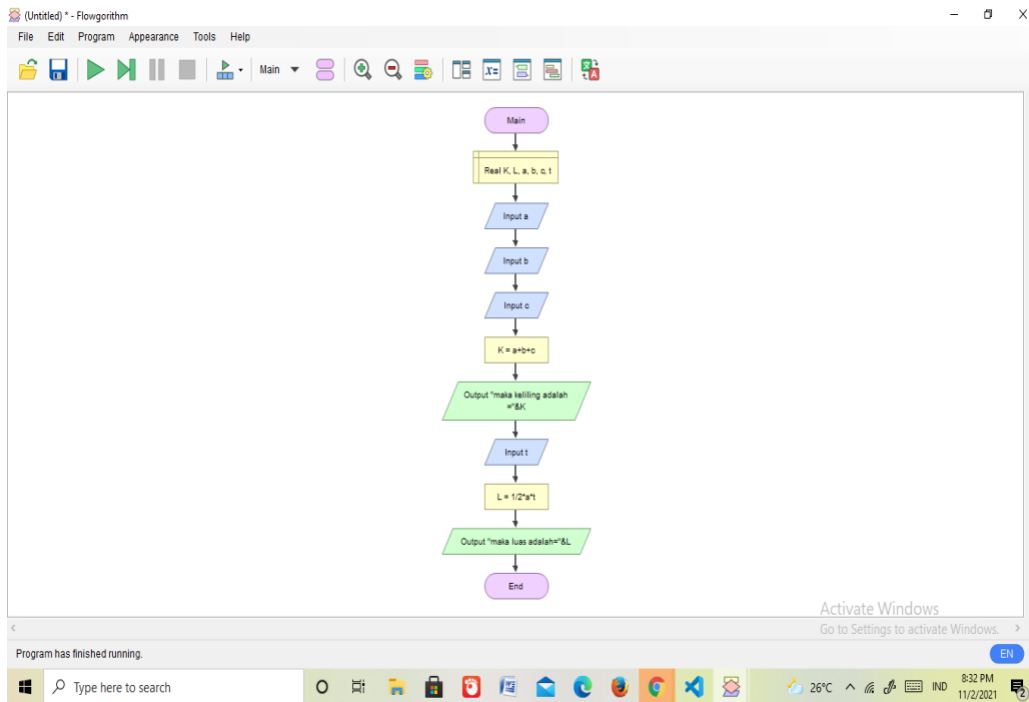
Terminal Output:

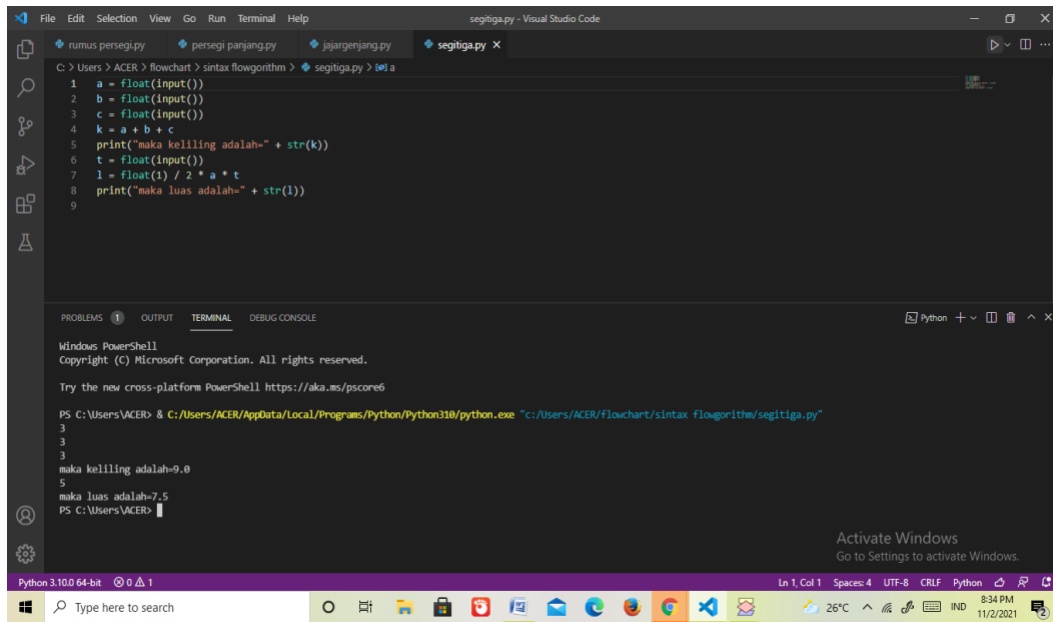
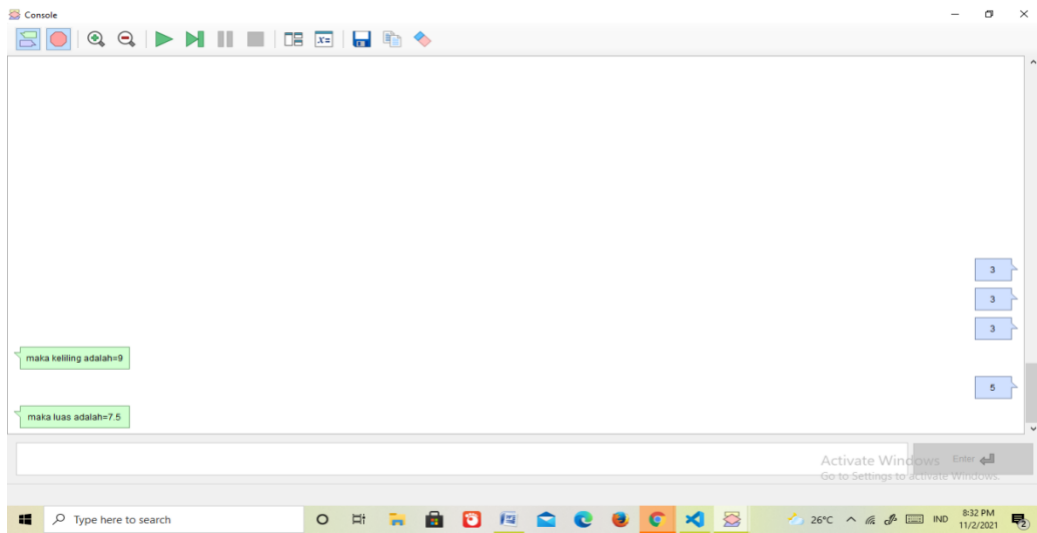
```

2
b=
2
c=
2
d=
2
maka keliling adalah=8.0
t=
4
maka luas adalah=8.0
PS C:\Users\VACER>

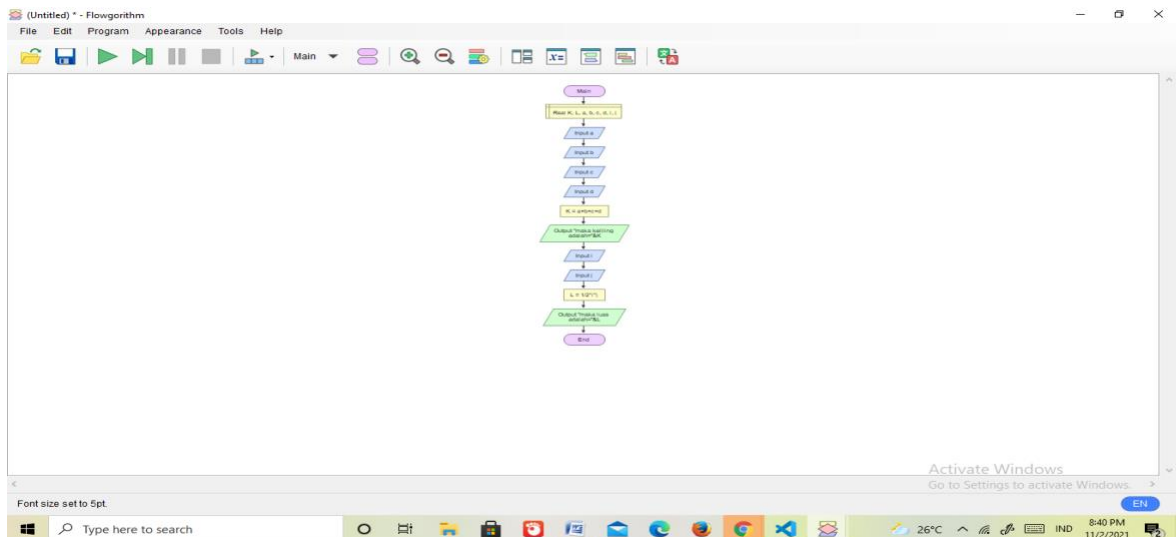
```

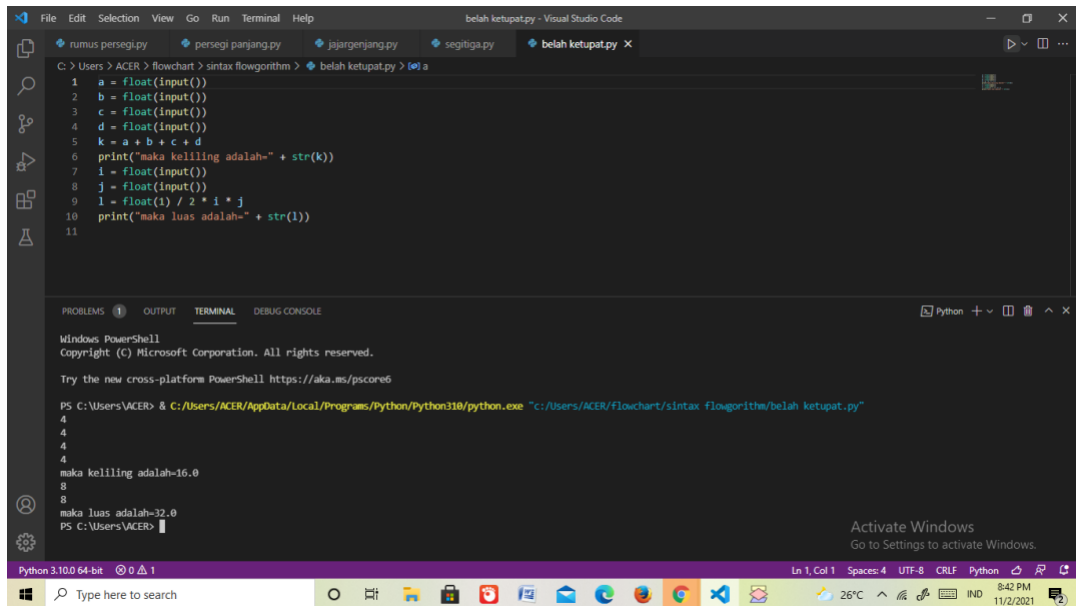
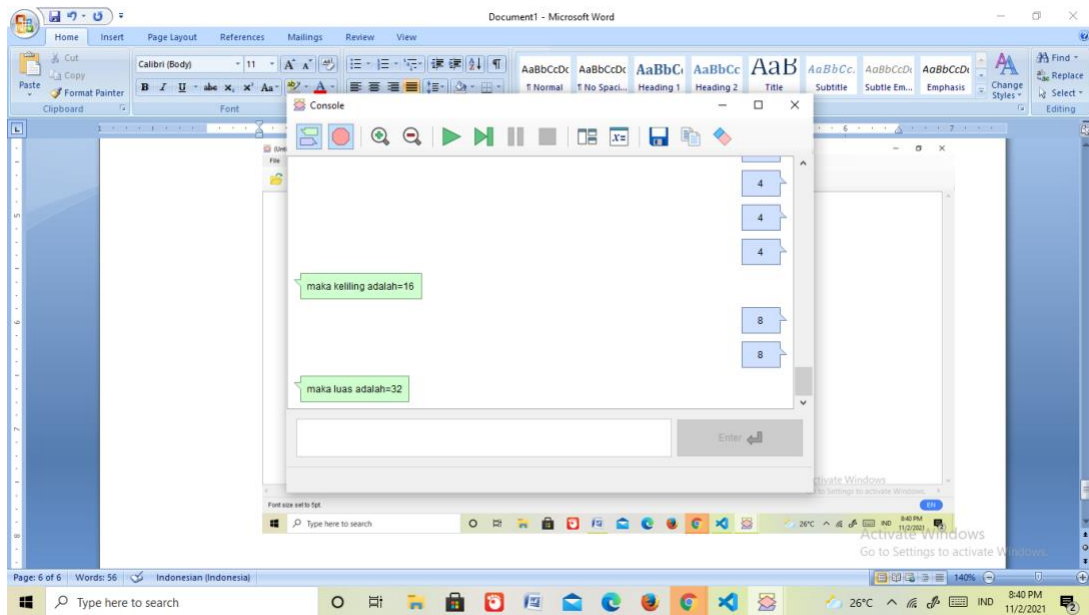
4. Segitiga
- $K=a+b+c$
- $L=1/2 \times a \times t$



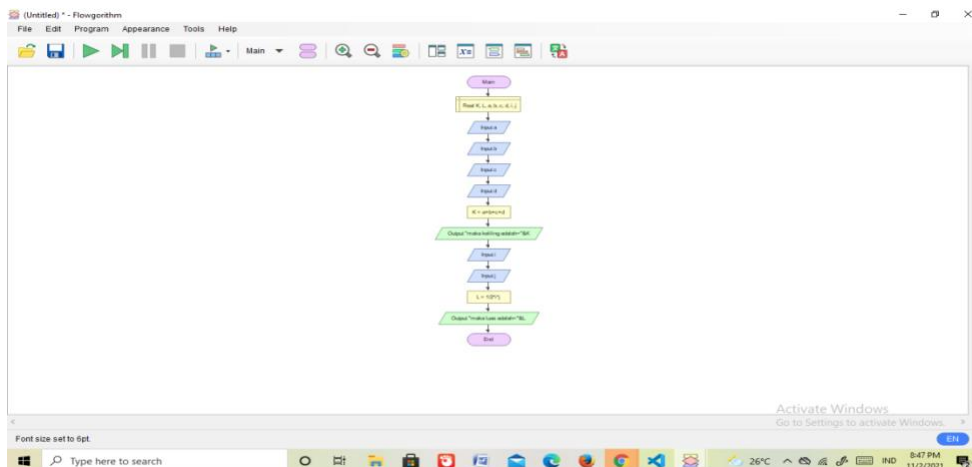


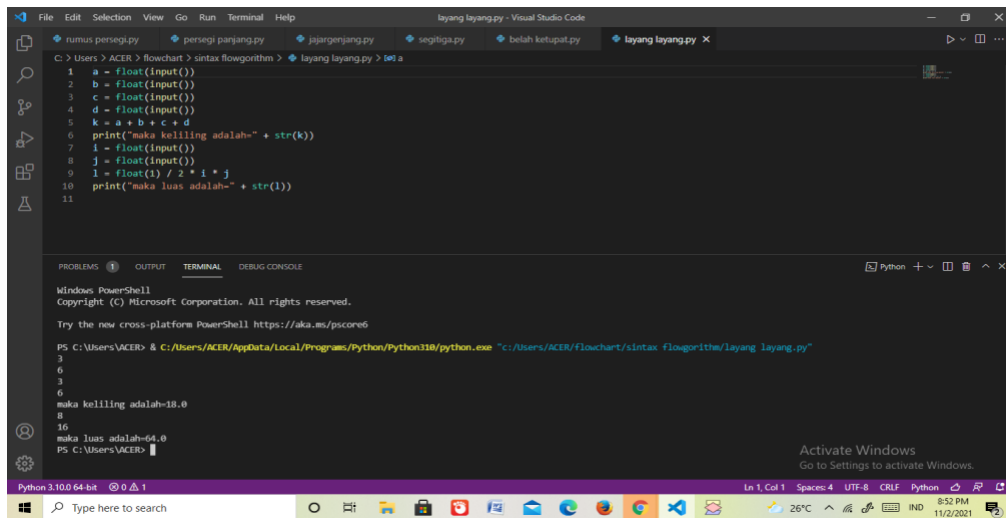
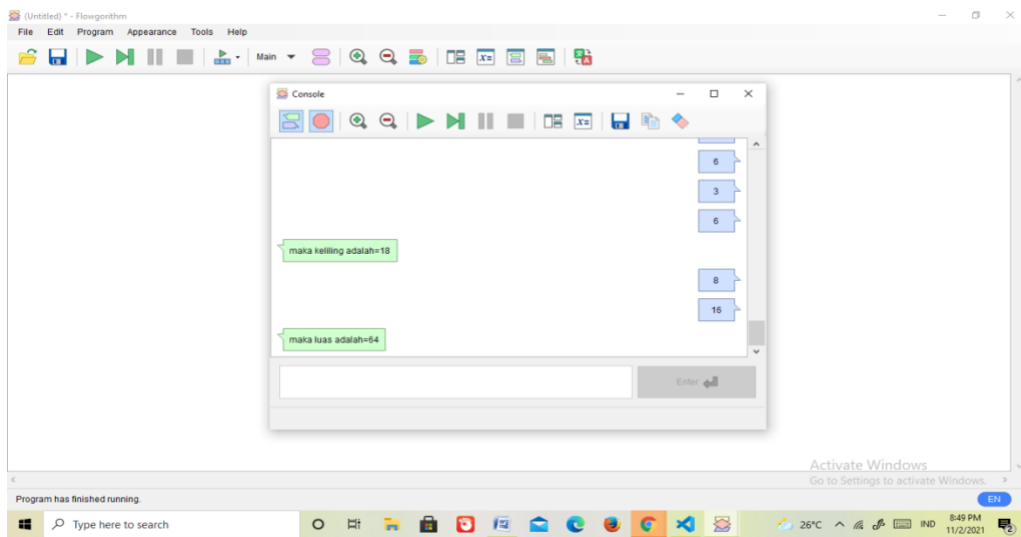
## 5. Belah ketupat



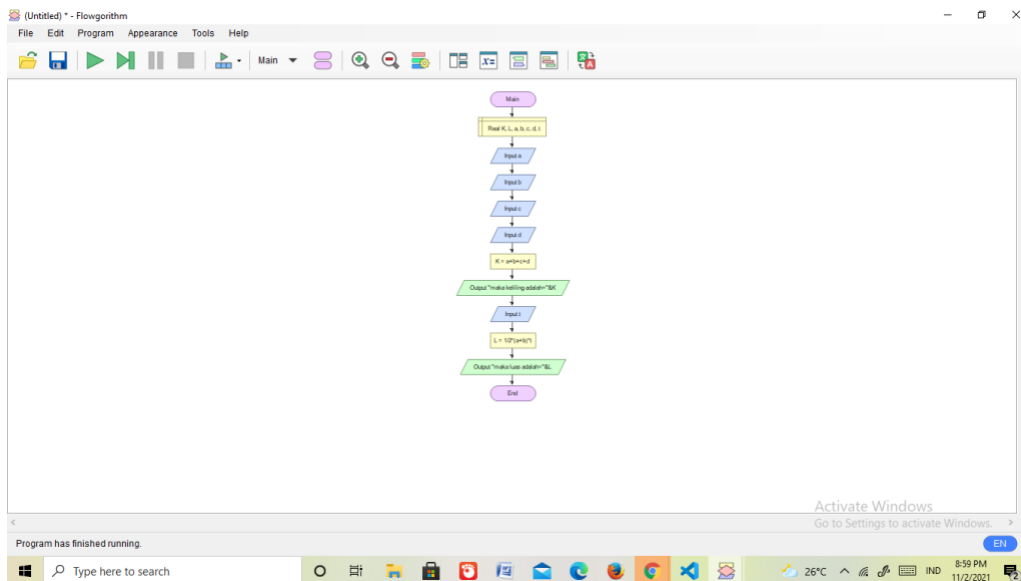


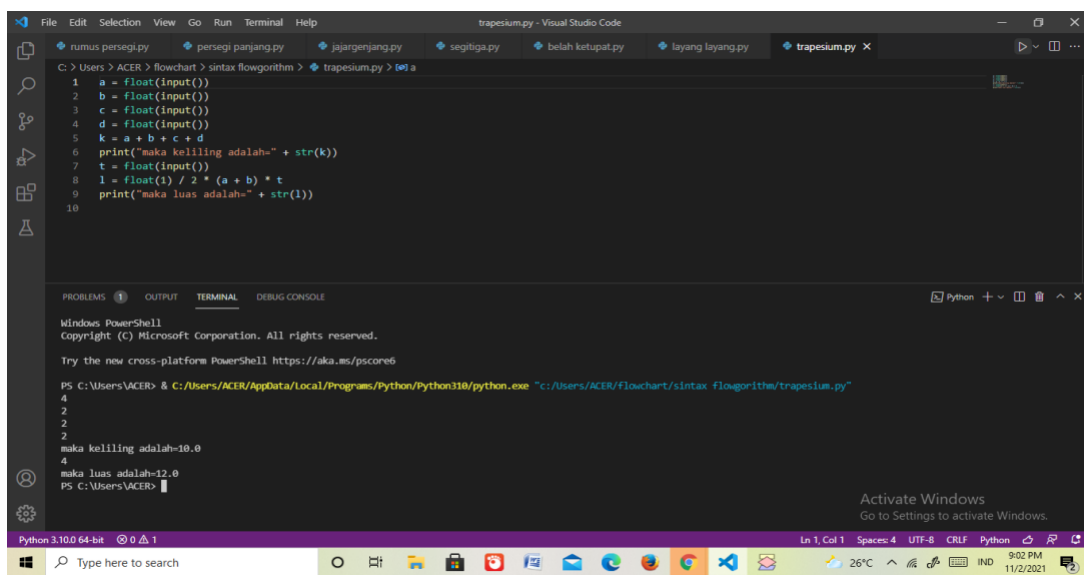
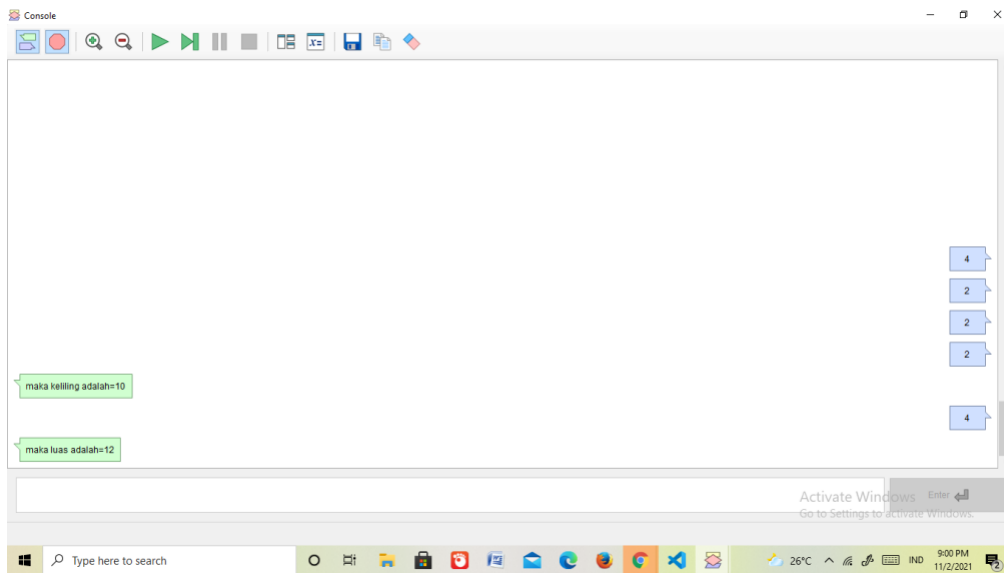
## 6. Layang layang





## 7. Trapesium





## 8. Lingkaran

