

Nama : Wulandari

Nim : 20.01.013.019

Kelas : kecerdasan buatan B

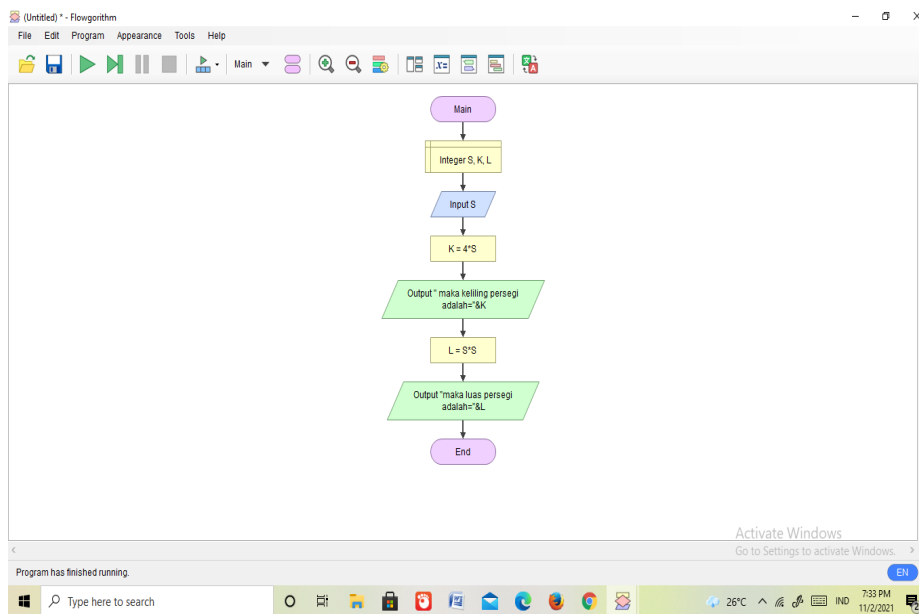
KUMPULAN RUMUS

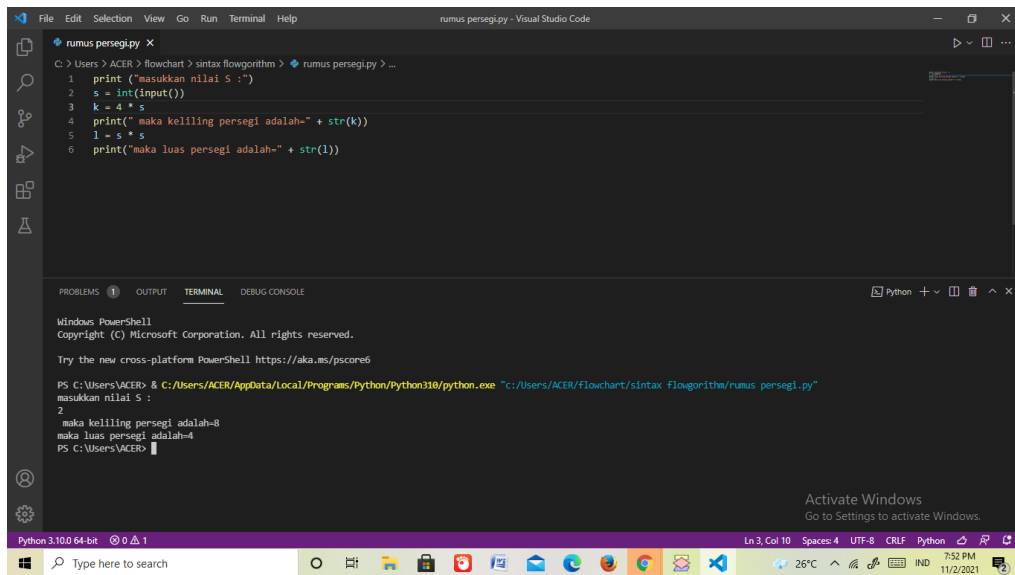
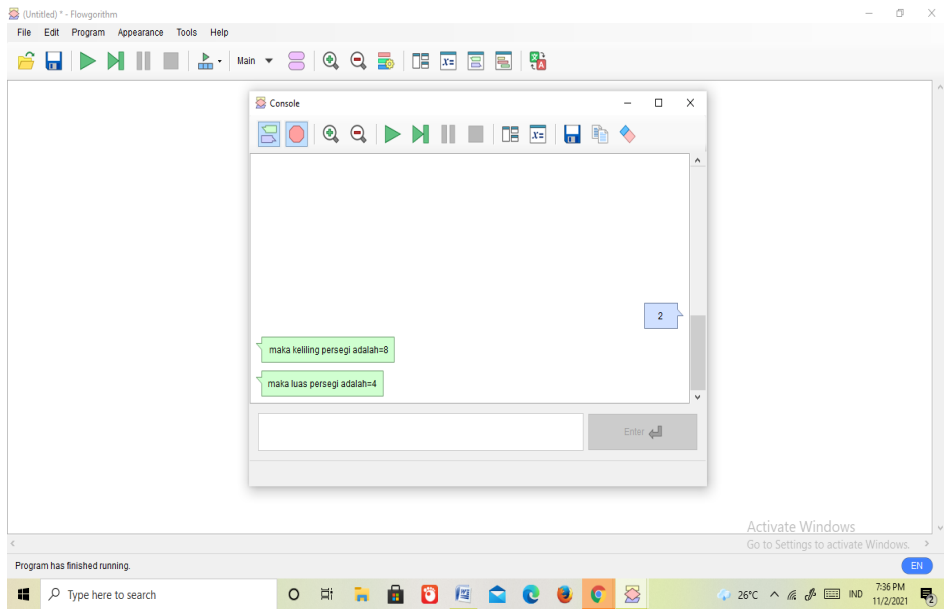
KELILING DAN LUAS BANGUN DATAR

1. PERSEGI

Keliling persegi $k = 4 \times s$

Luas persegi $L = s \times s$

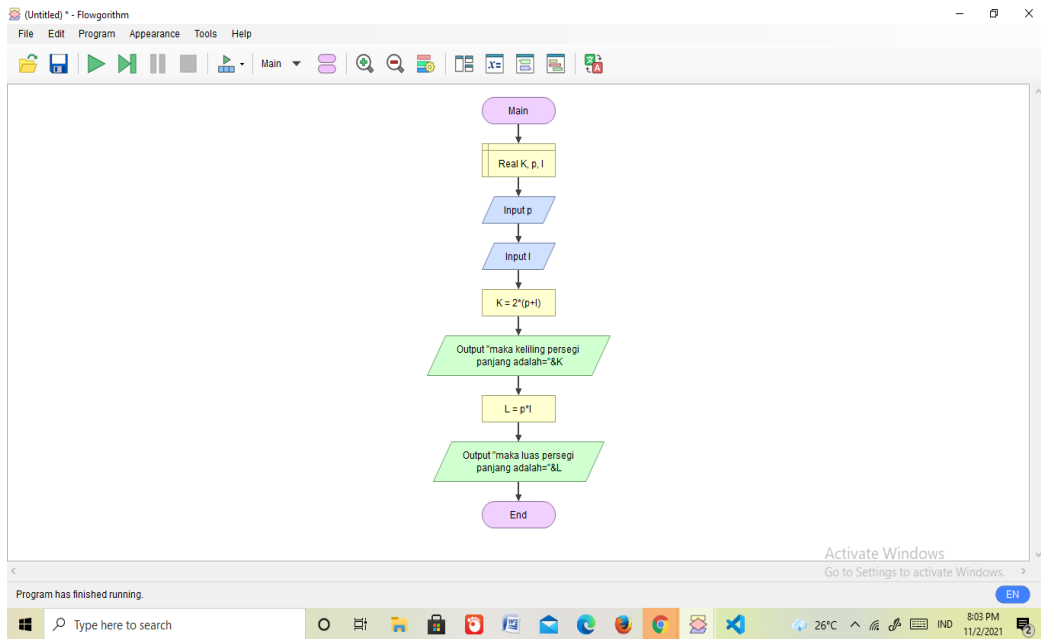




2. Persegi panjang

Keliling = $2(p+l)$

Luas = $p \times l$



Console output showing the results of the program execution:

```

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

The console shows the output of the program, which matches the flowchart logic. The first output is "maka keliling persegi panjang adalah=30" and the second is "maka luas persegi panjang adalah=50".

Visual Studio Code editor showing the Python code for the program:

```

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
  
```

The terminal output shows the execution of the program:

```

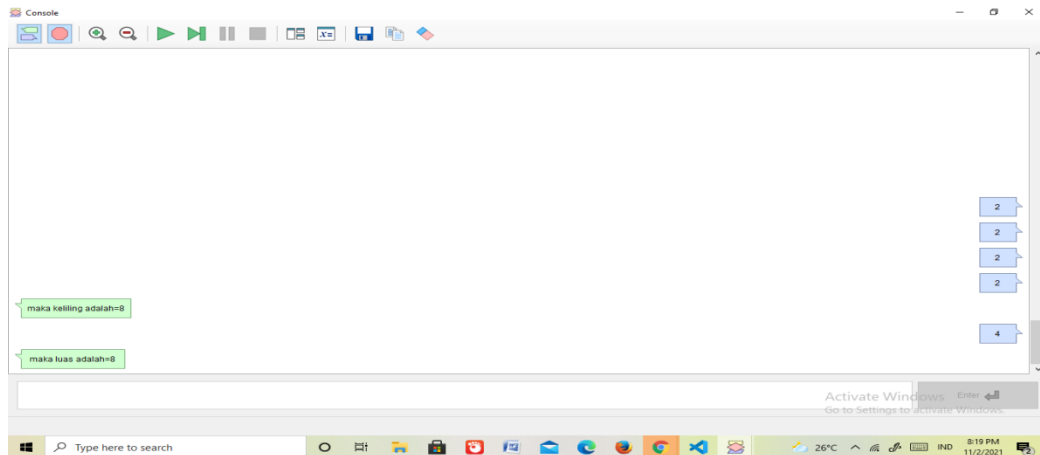
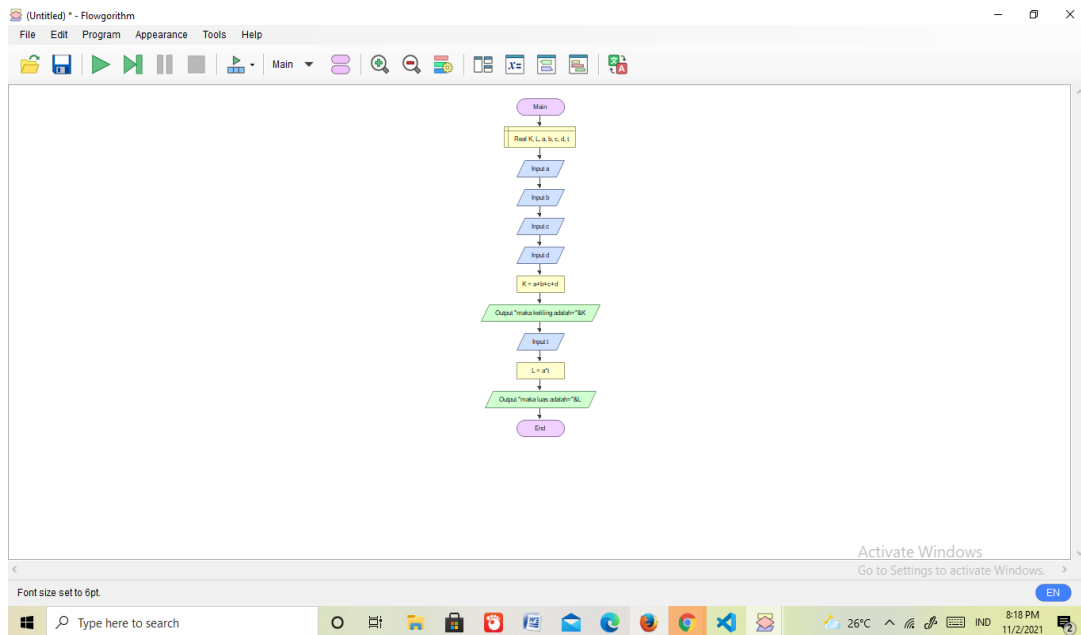
PS C:\Users\VACER> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "C:\Users\ACER\flowchart\sintax flowgorithm\persegi panjang.py"
10
5
maka keliling persegi panjang adalah=30.0
maka luas persegi panjang adalah=50.0
PS C:\Users\VACER>
  
```

The terminal output shows the execution of the program, which matches the console output from the previous screenshot. The first output is "maka keliling persegi panjang adalah=30.0" and the second is "maka luas persegi panjang adalah=50.0".

3. Jajargenjang

$$\text{Keliling} = a + b + c + d$$

$$\text{Luas} = a \times t$$



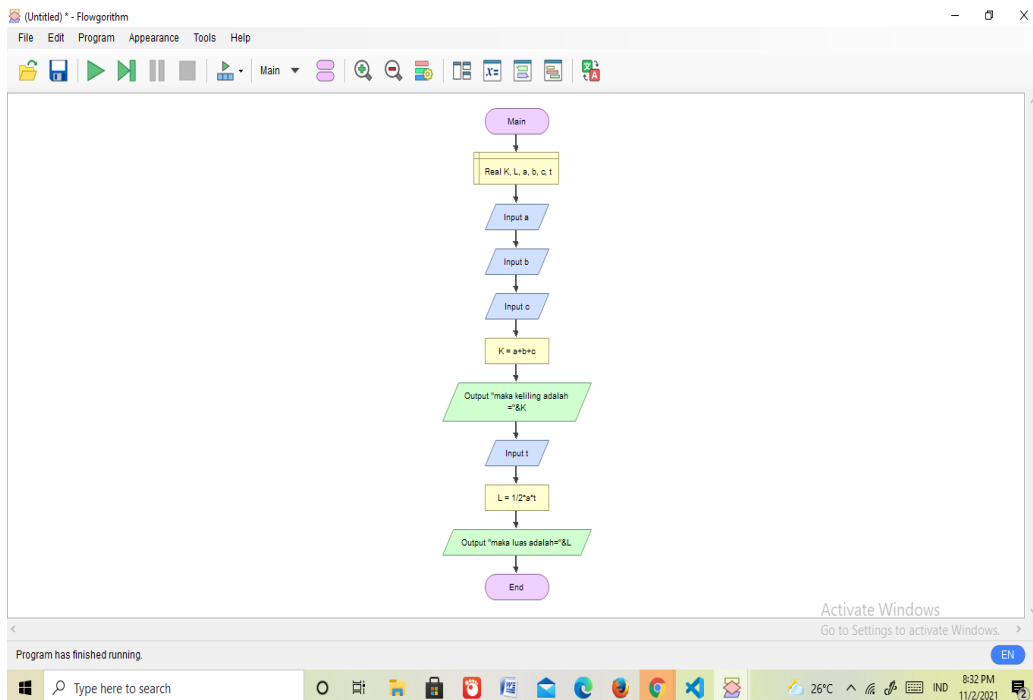
```
1 print("a= \n")
2 a = float(input())
3 print("b=\n")
4 b = float(input())
5 print("c=\n")
6 c = float(input())
7 print("d=\n")
8 d = float(input())
9 k = a + b + c + d
10 print("maka keliling adalah=" + str(k))
11 print("t=\n")
12 t = float(input())
13 l = a * t
14 print("maka luas adalah=" + str(l))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

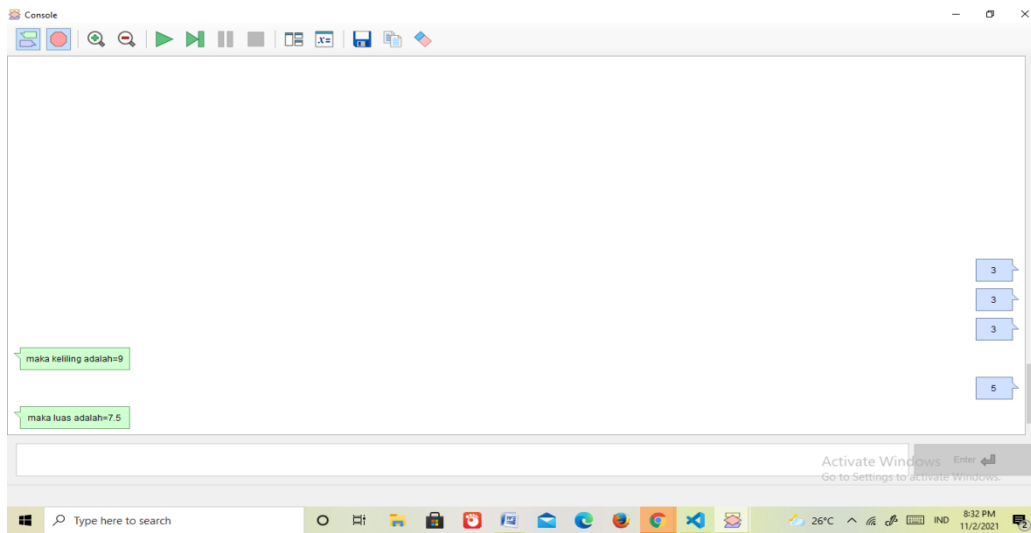
2
b=
2
c=
2
d=
2
maka keliling adalah=8.0
t=
4
maka luas adalah=8.0
PS C:\Users\VACER>

4. Segitiga

Keliling = $a + b + c$

Luas = $\frac{1}{2} \times a \times t$





```

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

```

```

PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/flowchart/sintax_flowgorithm/segitiga.py"
3
3
3
maka keliling adalah=9.0
5
maka luas adalah=7.5
PS C:\Users\VACER>

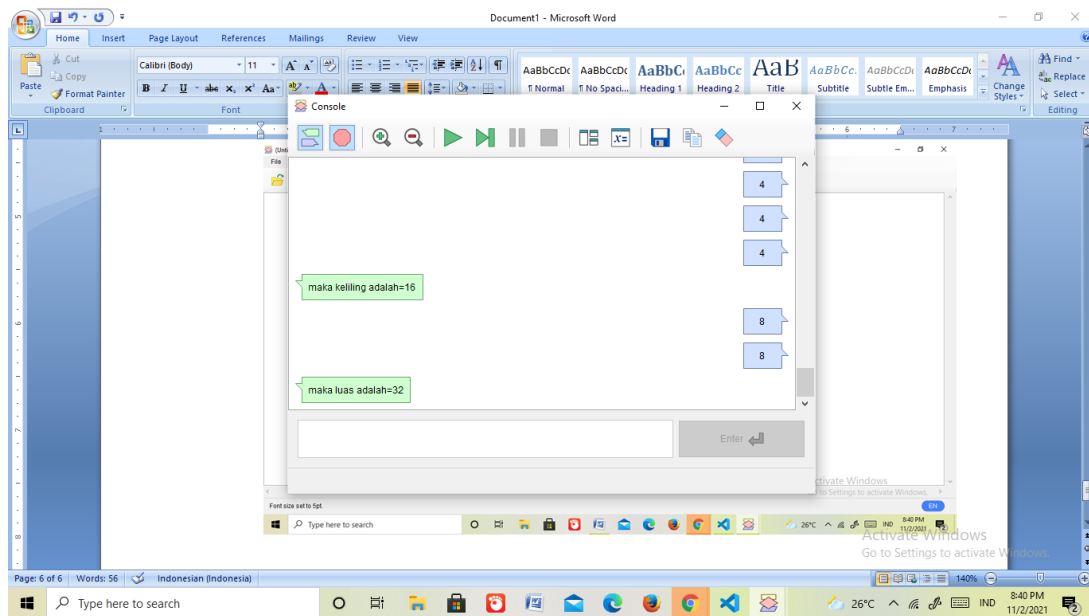
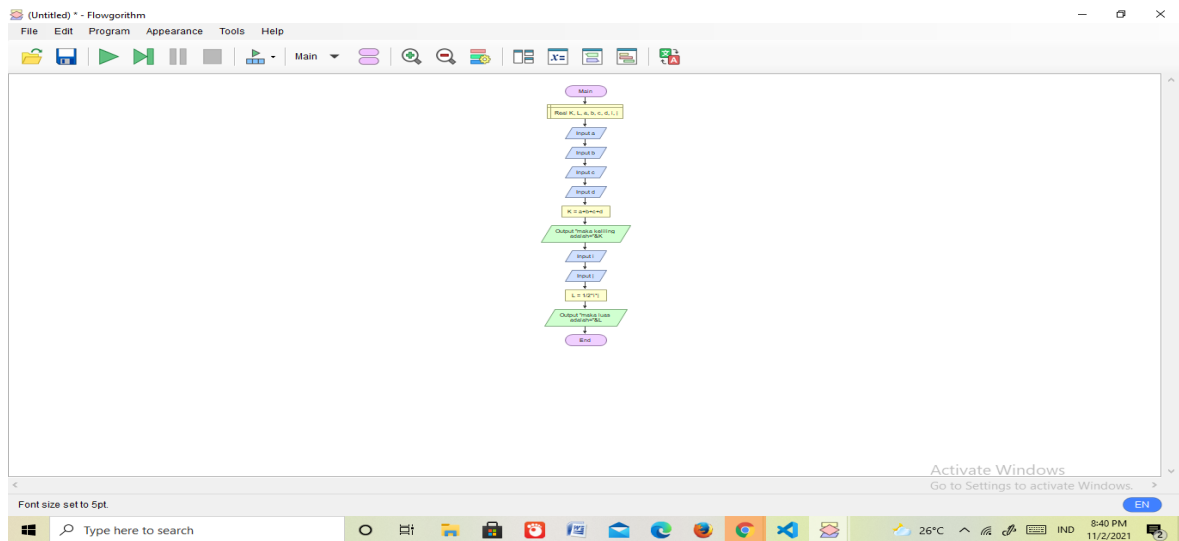
```

5. Belah ketupat

Keliling = $a + b + c + d$

Luas = $\frac{1}{2} \times d1 \times d2$





```

1 a = float(input())
2 b = float(input())
3 c = float(input())
4 d = float(input())
5 k = a + b + c + d
6 print("maka keliling adalah=" + str(k))
7 i = float(input())
8 j = float(input())
9 l = float(i) / 2 * i * j
10 print("maka luas adalah=" + str(l))
11

```

Terminal Output:

```

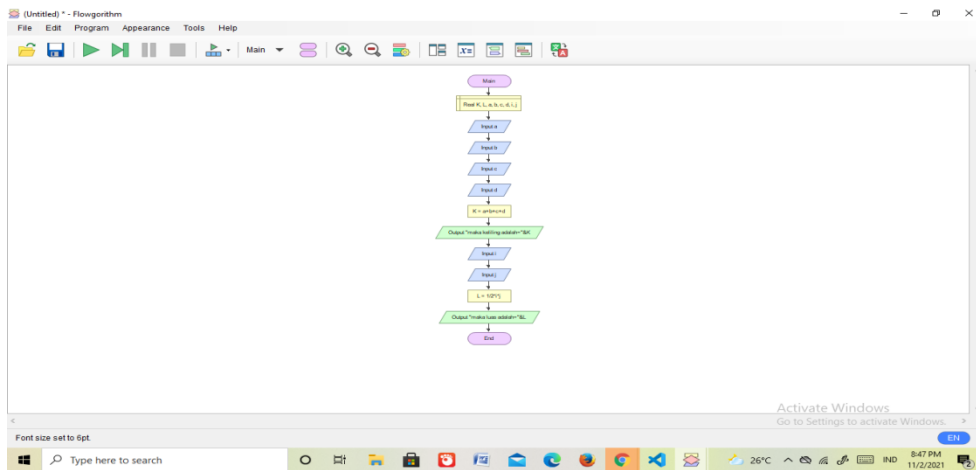
PS C:\Users\VACER> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/ACER/flowchart/sintax flowgorithm/belah ketupat.py"
4
4
4
4
maka keliling adalah=16.0
8
8
maka luas adalah=32.0
PS C:\Users\VACER>

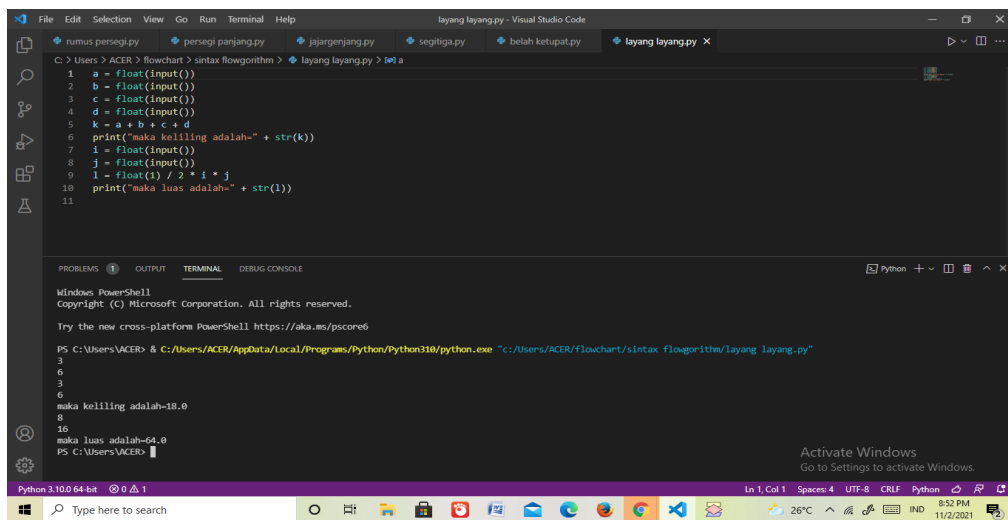
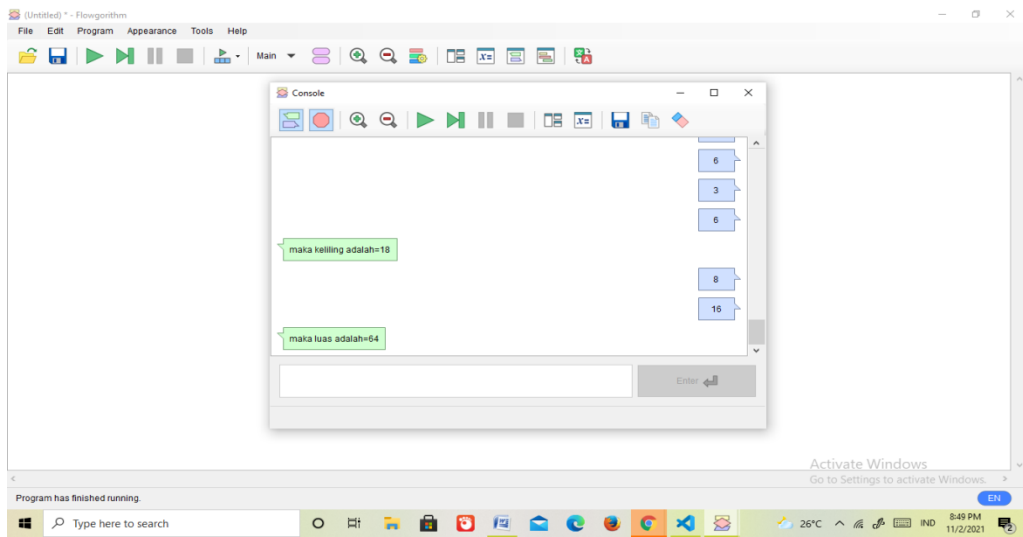
```

6. Layang layang

$$\text{Keliling} = a + b + c + d$$

$$\text{Luas} = 1/2 \times d1 \times d2$$

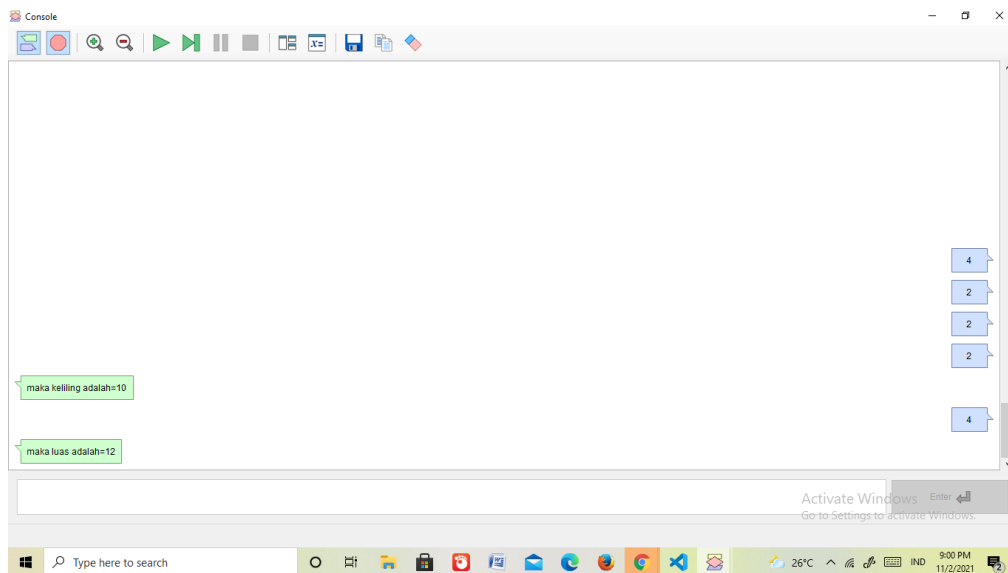
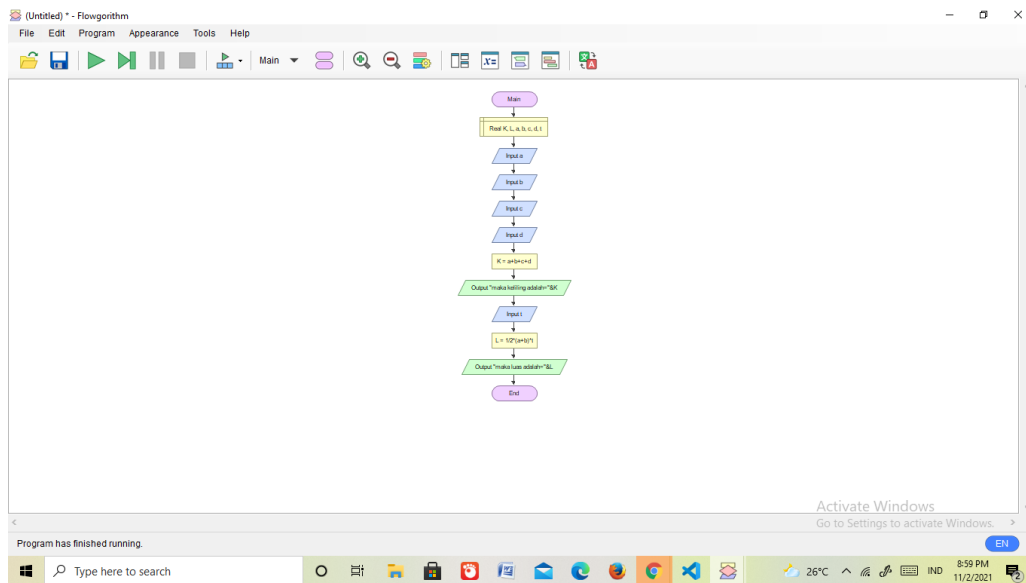




7. Trapesium

Keliling = $a + b + c + d$

Luas = $a+b/2 \times t$



8. Lingkaran

$$\text{Keliling} = 2 \times \pi \times r$$

$$\text{Luas} = \pi \times r \times r$$

