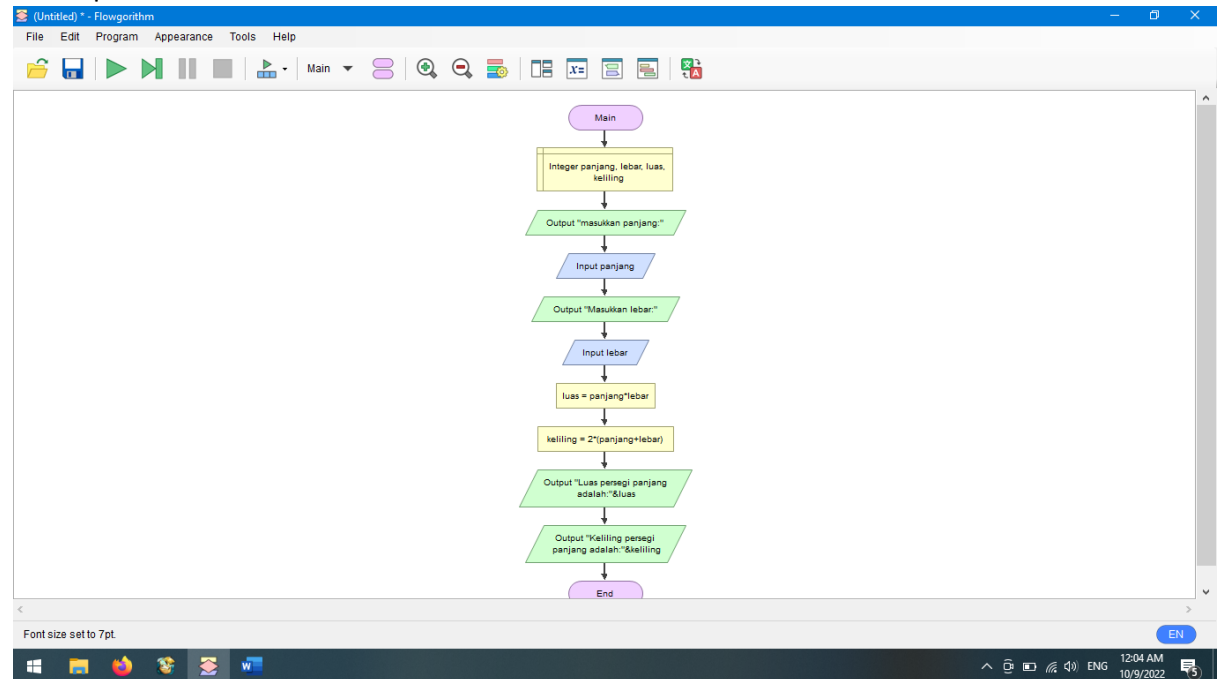


Program Menghitung Luas dan Keliling Persegi Panjang Pada Flowgorithm dan VS Code

1. Flowgorithm

a. Tampilan flowchart

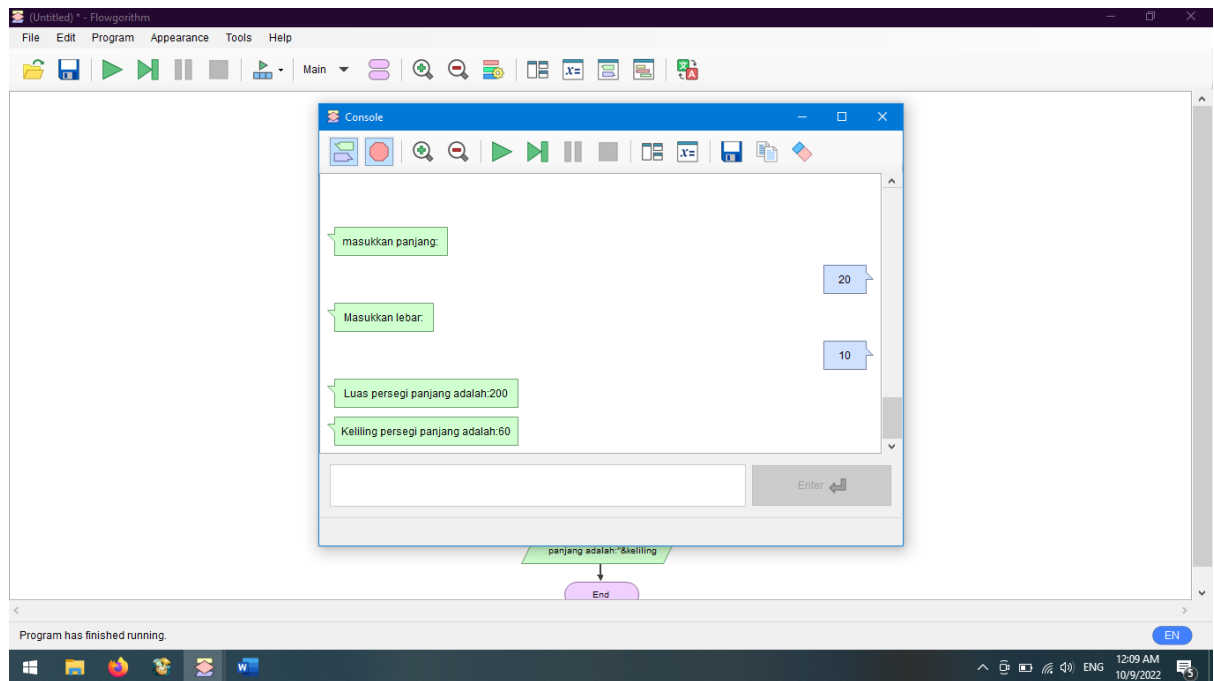


b. Tampilan code python

```
0 print("masukkan panjang:")
1 panjang = int(input())
2 print("Masukkan lebar:")
3 lebar = int(input())
4 luas = panjang * lebar
5 keliling = 2 * (panjang + lebar)
6 print("Luas persegi panjang adalah:" + str(luas))
7 print("Keliling persegi panjang adalah:" + str(keliling))
```

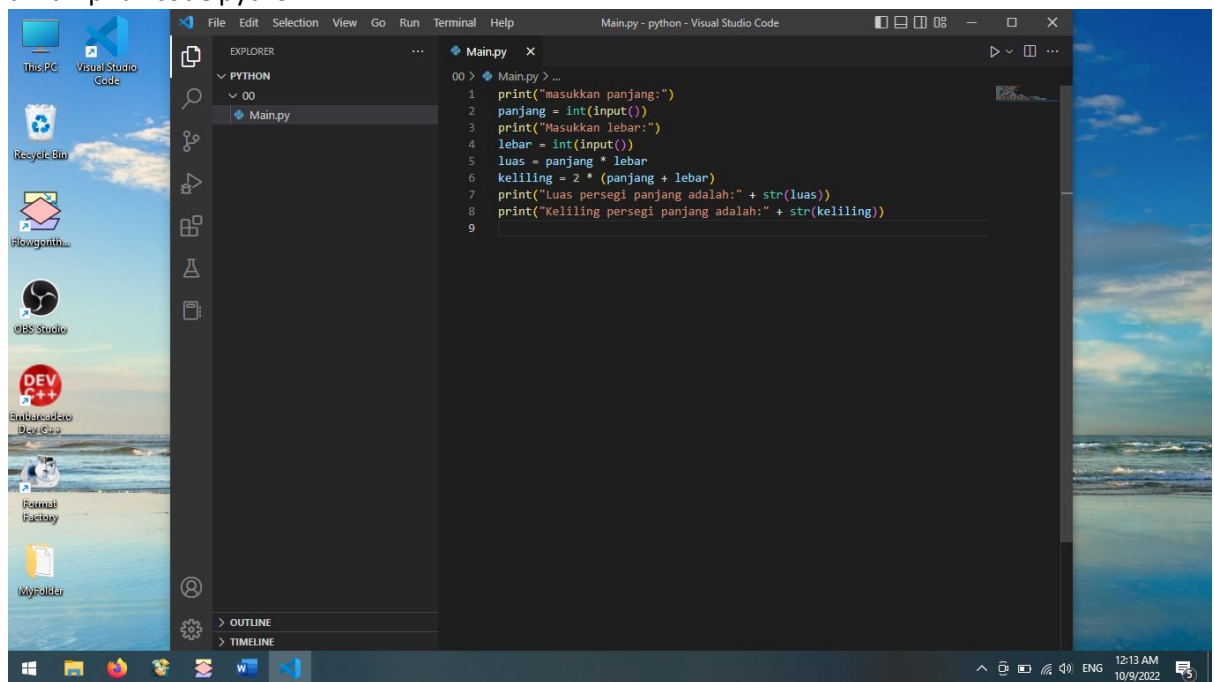
The Python code implements the same logic as the flowchart. It starts with printing a prompt for length, followed by reading the input and converting it to an integer. This is repeated for width. Then, the area is calculated as $luas = panjang * lebar$ and the perimeter as $keliling = 2 * (panjang + lebar)$. The results are printed using string formatting: `print("Luas persegi panjang adalah:" + str(luas))` and `print("Keliling persegi panjang adalah:" + str(keliling))`. The flowchart's final output step is also visible below the code window.

c. Tampilan output

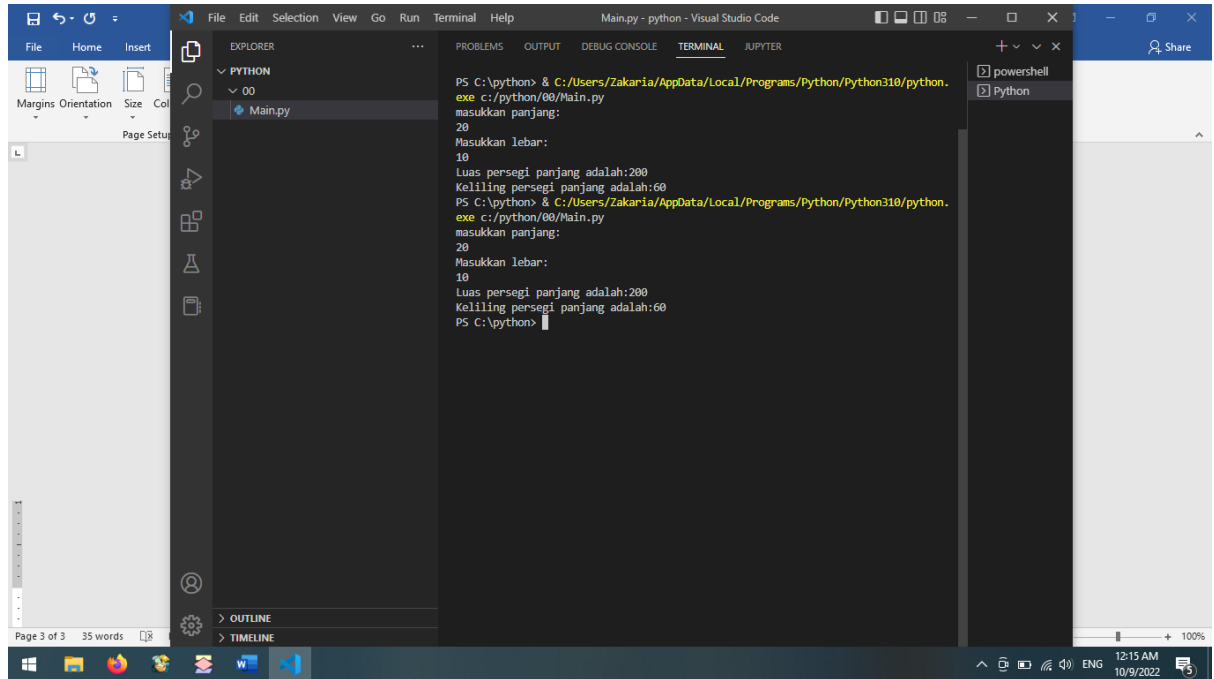


2. Visual studio code

a. Tampilan code python



b. Tampilan output



The screenshot displays the Visual Studio Code interface with the 'Main.py' file open in the editor. The 'TERMINAL' panel on the right shows the execution of a Python script. The script prompts for the length and width of a rectangle, calculates the area and perimeter, and displays the results. The output is as follows:

```
PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
masukkan panjang:
20
Masukkan lebar:
10
Luas persegi panjang adalah:200
Keliling persegi panjang adalah:60
PS C:\python> & C:/Users/Zakaria/AppData/Local/Programs/Python/Python310/python.exe c:/python/00/Main.py
masukkan panjang:
20
Masukkan lebar:
10
Luas persegi panjang adalah:200
Keliling persegi panjang adalah:60
PS C:\python>
```

The status bar at the bottom indicates the current page is 3 of 3, containing 35 words, and the date is 10/9/2022.