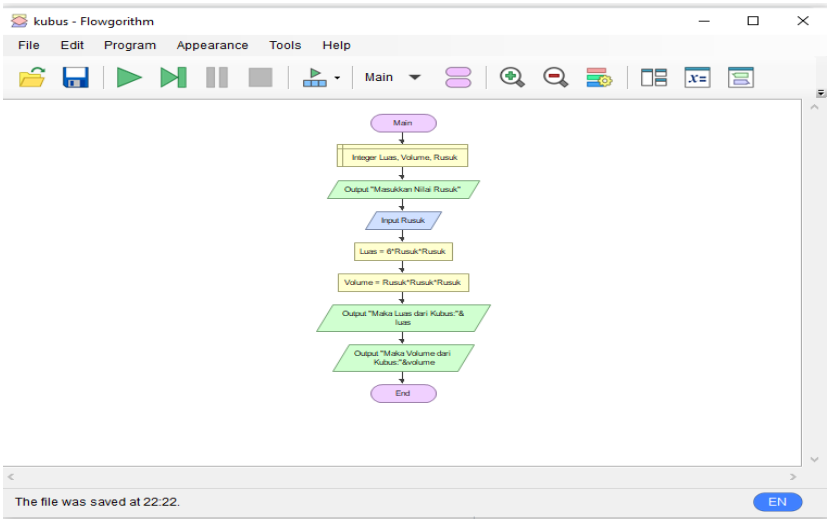
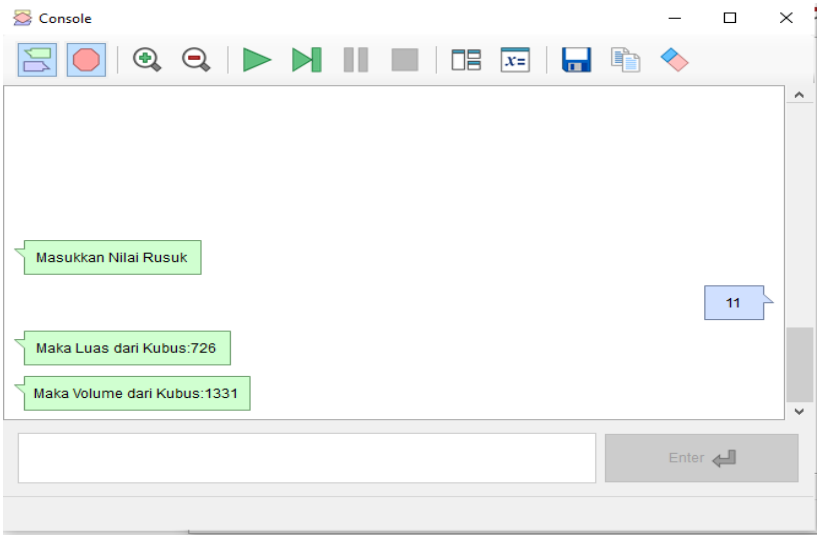
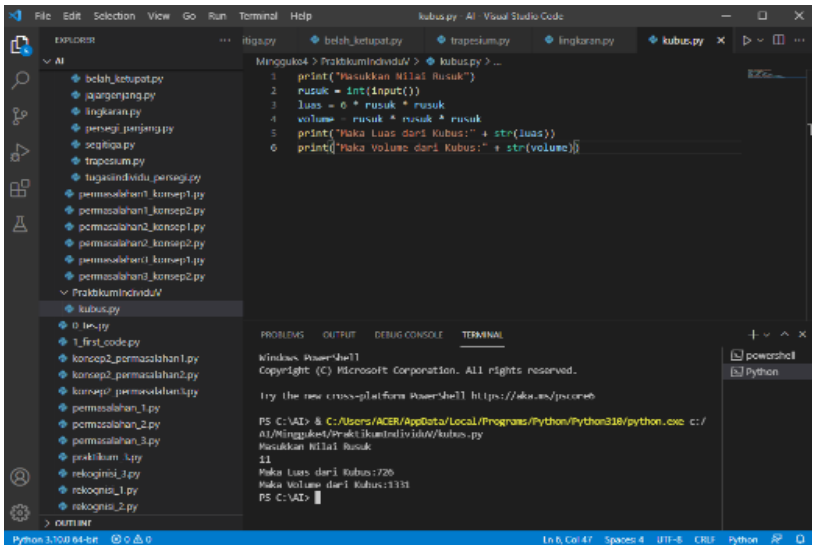
PRAKTIKUM INDIVIDU V
RUMUS LUAS PERMUKAAN & VOLUME BANGUN RUANG

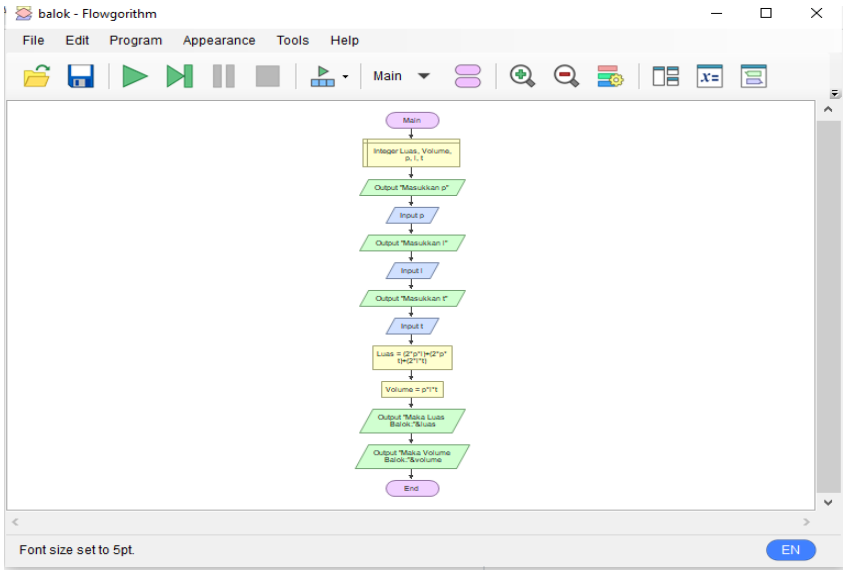
1. Kubus







2. Balok


balok - Flowgorithm
File Edit Program Appearance Tools Help
Main
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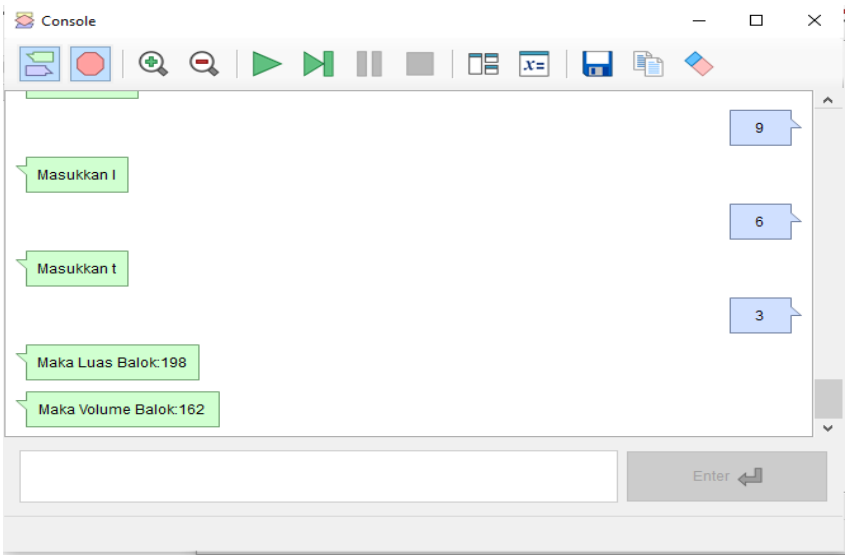
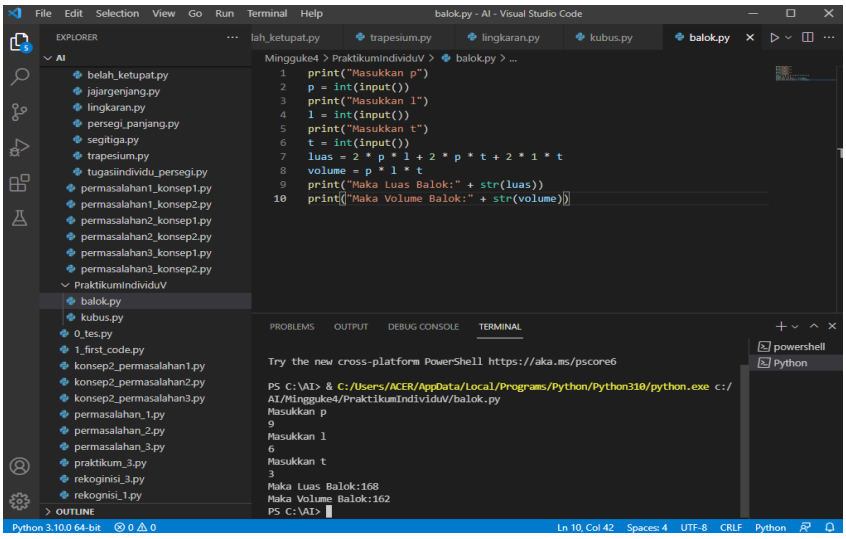
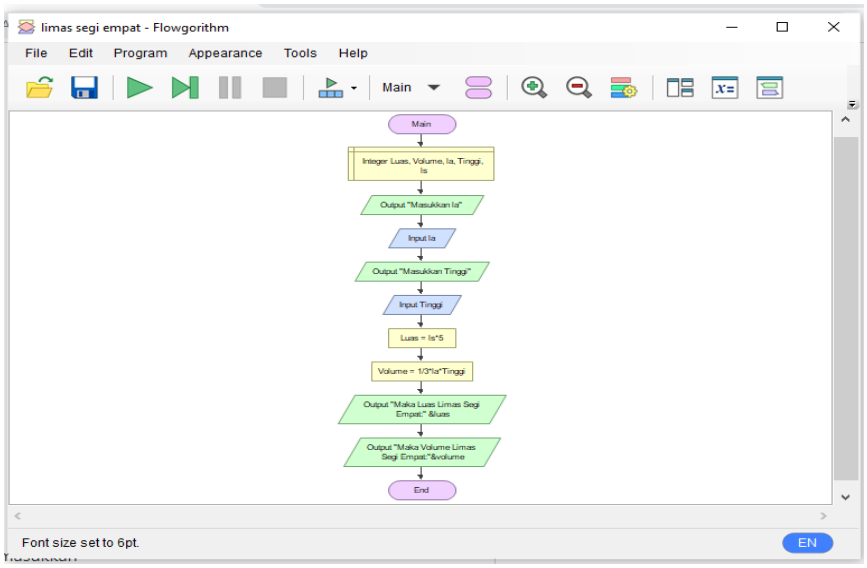
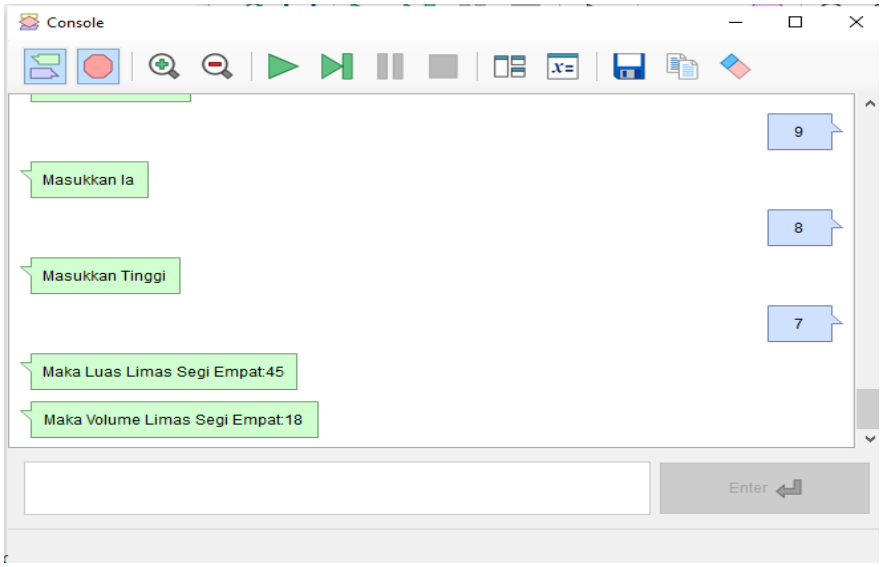
EN

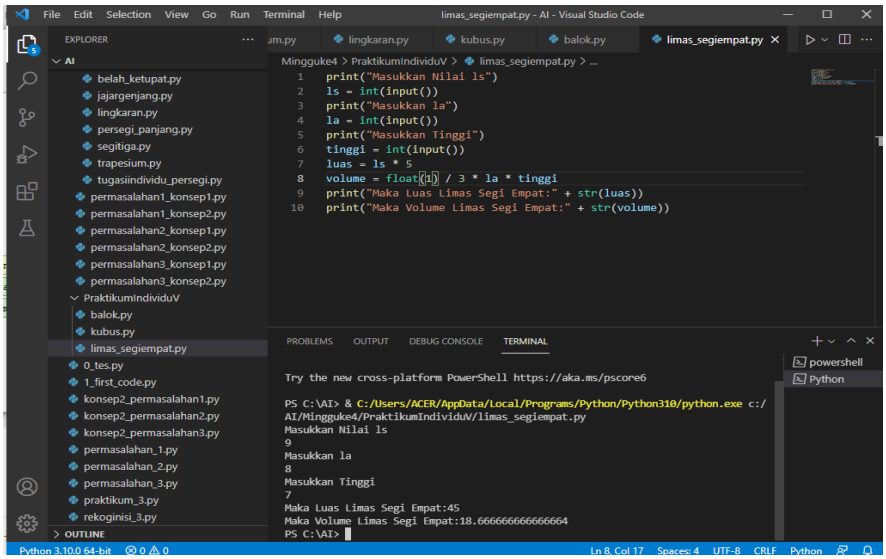

Console
9
Masukkan l
6
Masukkan t
3
Maka Luas Balok:198
Maka Volume Balok:162
Enter


balok.py - AI - Visual Studio Code
print("Masukkan p")
p = int(input())
print("Masukkan l")
l = int(input())
print("Masukkan t")
t = int(input())
luas = 2 * p * l + 2 * p * t + 2 * l * t
volume = p * l * t
print("Maka Luas Balok:" + str(luas))
print("Maka Volume Balok:" + str(volume))
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/PraktikumIndividuV/balok.py
Masukkan p
9
Masukkan l
6
Masukkan t
3
Maka Luas Balok:168
Maka Volume Balok:162
PS C:\AI>

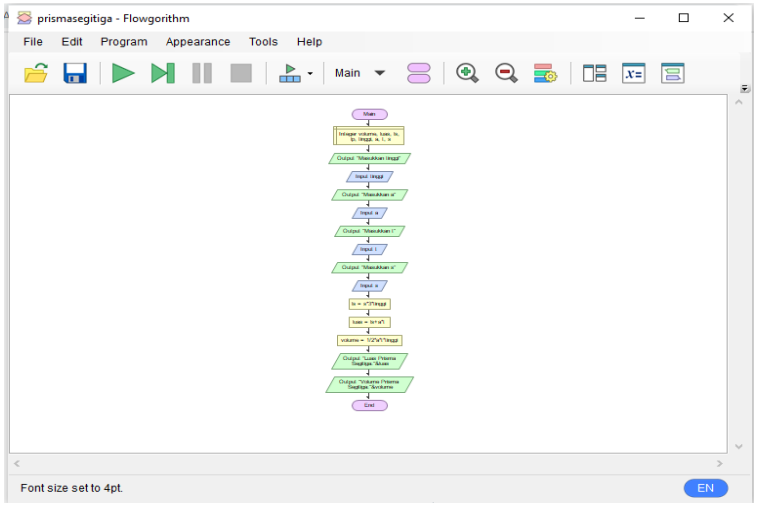
3. Limas Segi Empat

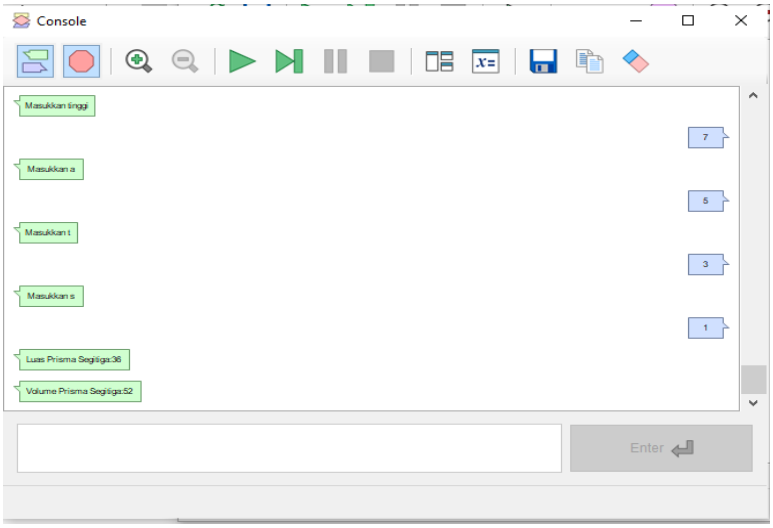


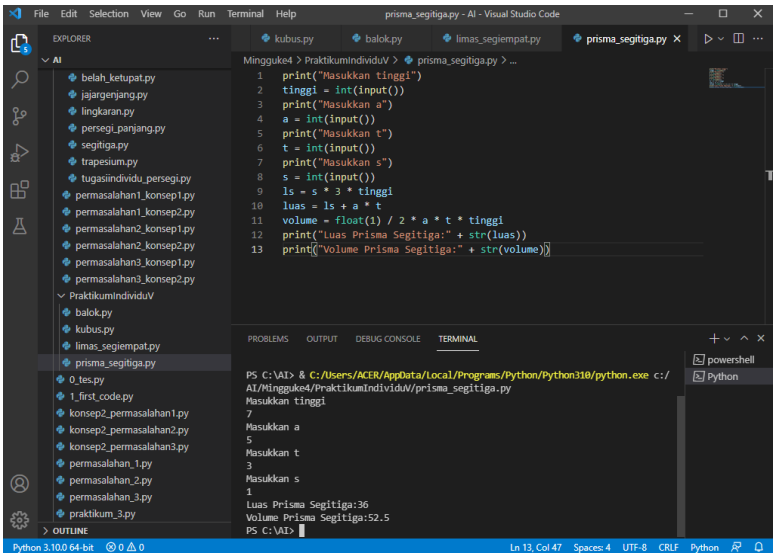




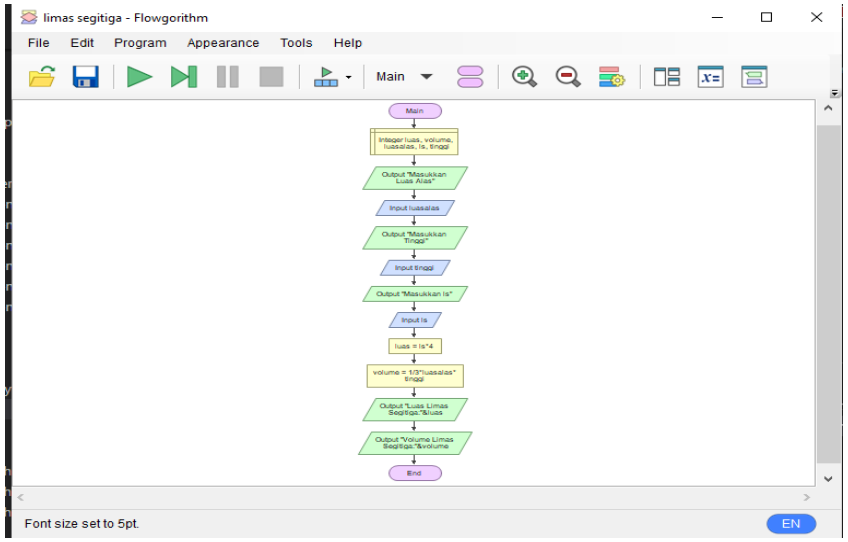
4. Prisma Segitiga

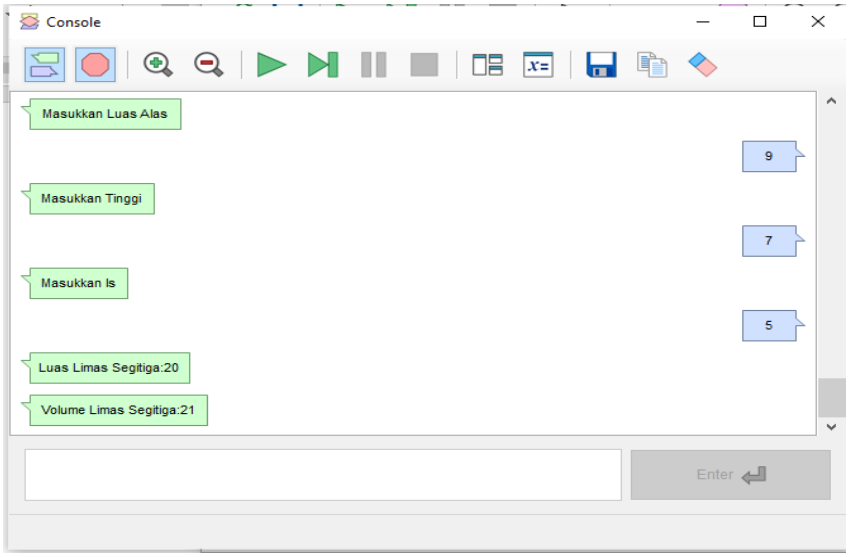


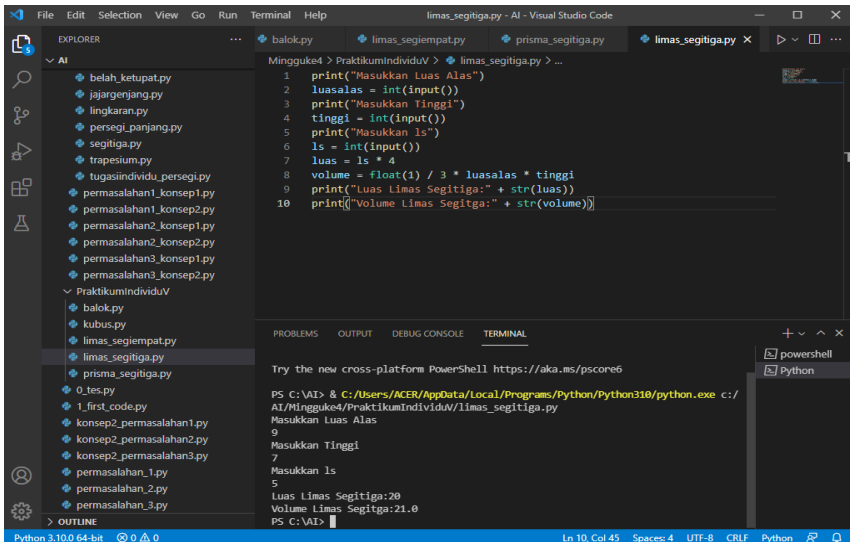




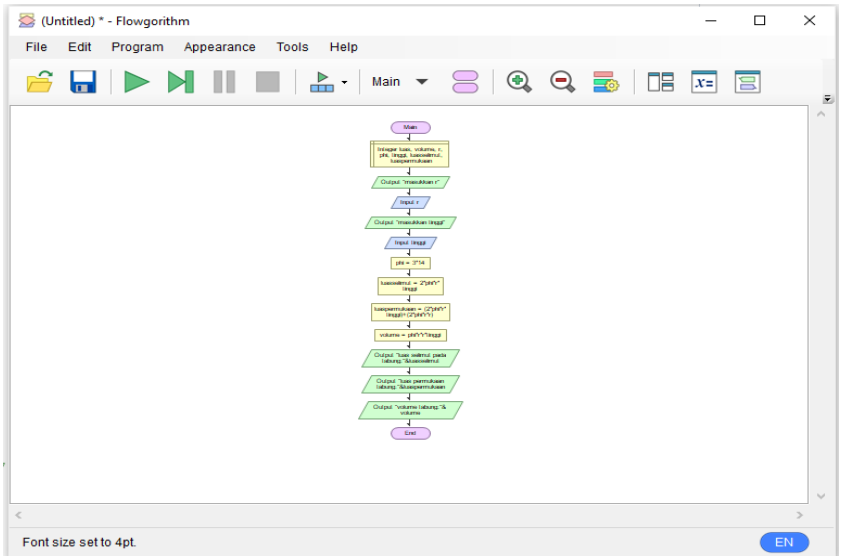
5. Limas Segitiga







6. Silinder


(Untitled) * - Flowgorithm
File Edit Program Appearance Tools Help
Main
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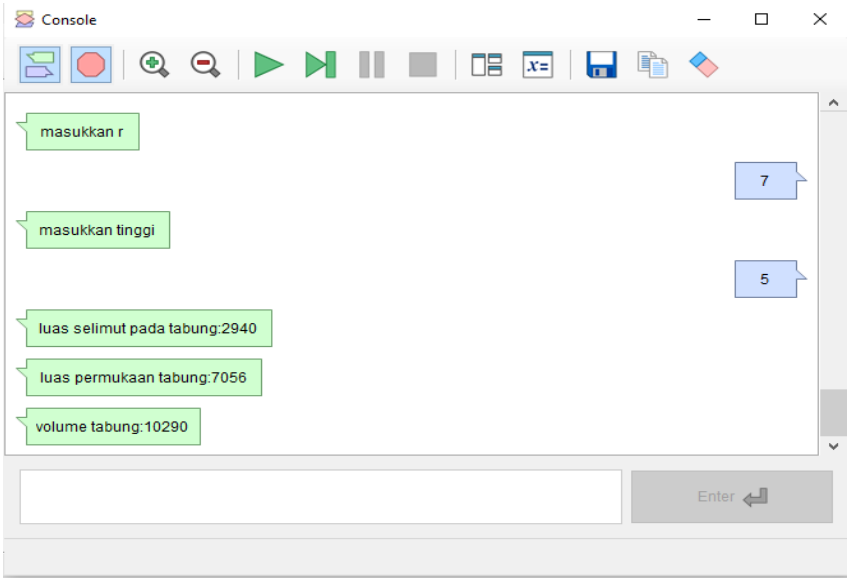
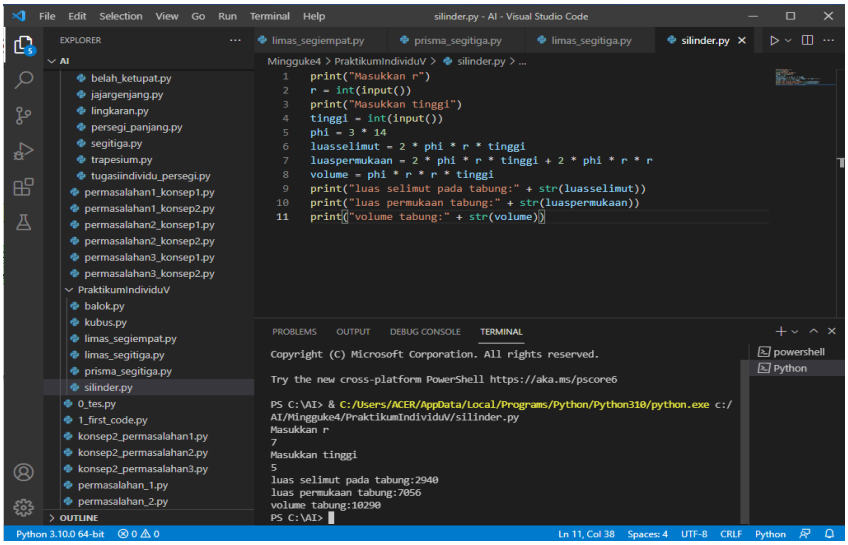

Console
masukkan r
7
masukkan tinggi
5
luas selimut pada tabung:2940
luas permukaan tabung:7056
volume tabung:10290
Enter


File Edit Selection View Go Run Terminal Help
silinder.py - AI - Visual Studio Code
print("Masukkan r")
r = int(input())
print("Masukkan tinggi")
tinggi = int(input())
phi = 3 * 14
luasselimut = 2 * phi * r * tinggi
luaspermukaan = 2 * phi * r * tinggi + 2 * phi * r * r
volume = phi * r * r * tinggi
print("luas selimut pada tabung:" + str(luasselimut))
print("luas permukaan tabung:" + str(luaspermukaan))
print("volume tabung:" + str(volume))
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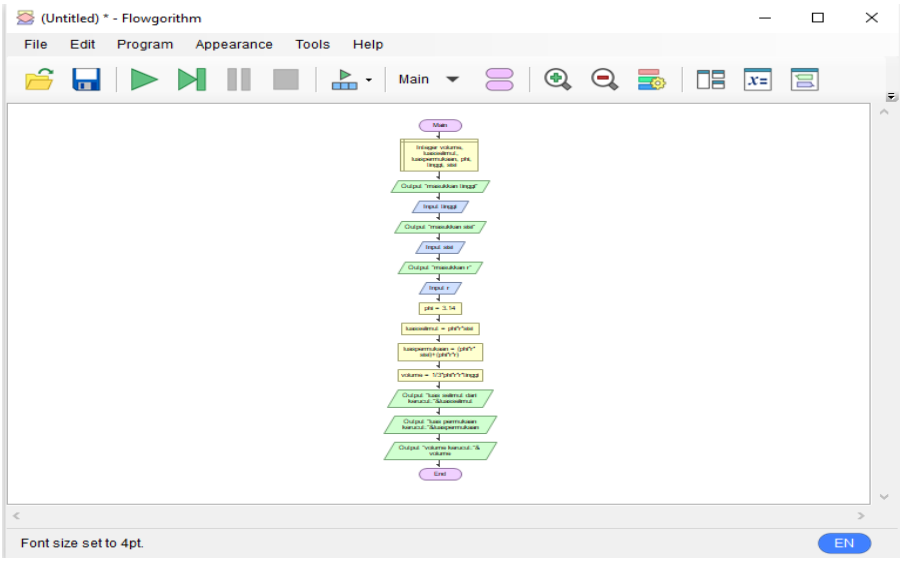
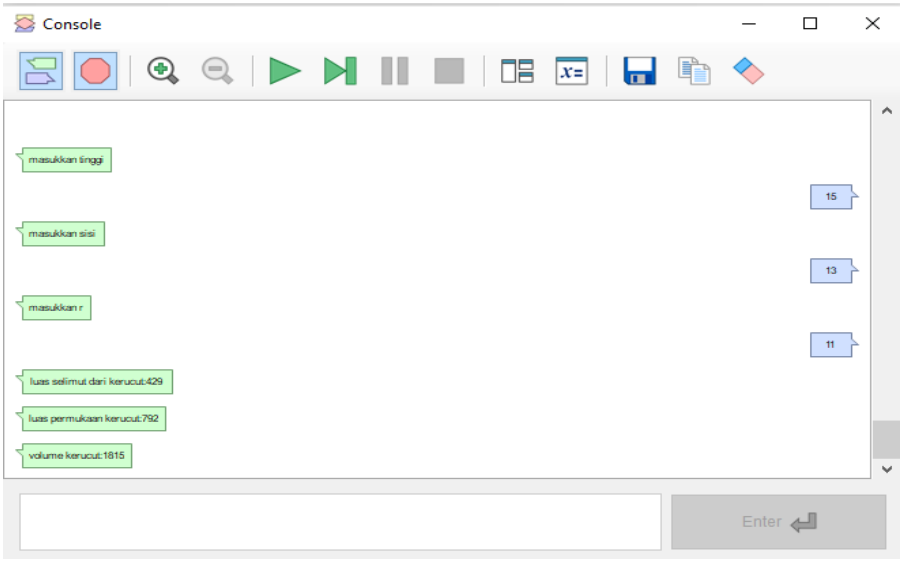
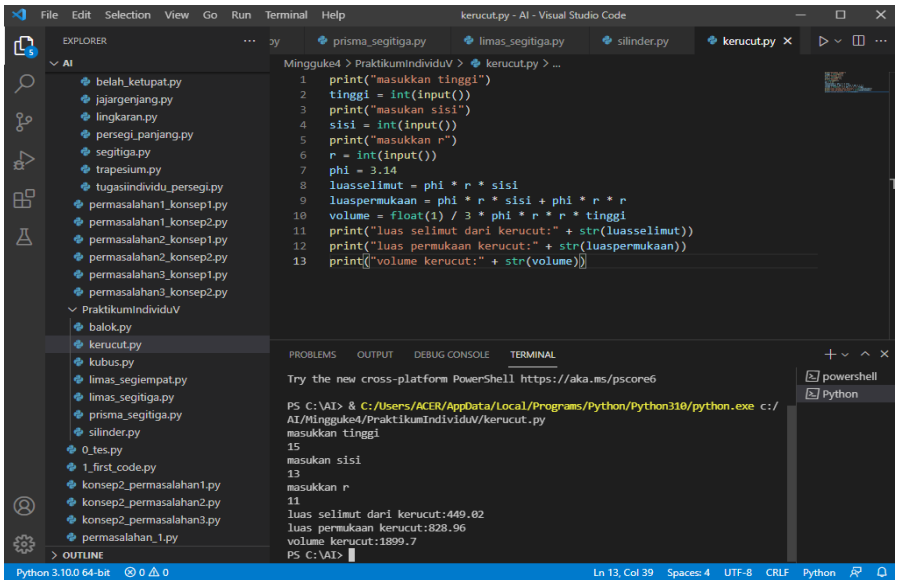
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\AI> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe c:/AI/Mingguke4/PraktikumIndividuV/silinder.py
Masukkan r
7
Masukkan tinggi
5
luas selimut pada tabung:2940
luas permukaan tabung:7056
volume tabung:10290
PS C:\AI>

7. Kerucut


(Untitled) * - Flowgorithm
File Edit Program Appearance Tools Help
Main
Font size set to 4pt.
EN


Console
masukkan tinggi
masukkan sisi
masukkan r
luas selimut dari kerucut:429
luas permukaan kerucut:792
volume kerucut:1815
15
13
11
Enter


kerucut.py - AI - Visual Studio Code
print("masukkan tinggi")
tinggi = int(input())
print("masukan sisi")
sisi = int(input())
print("masukkan r")
r = int(input())
phi = 3.14
luasselimut = phi * r * sisi
luaspermukaan = phi * r * sisi + phi * r * r
volume = float(1) / 3 * phi * r * r * tinggi
print("luas selimut dari kerucut:" + str(luasselimut))
print("luas permukaan kerucut:" + str(luaspermukaan))
print("volume kerucut:" + str(volume))
masukkan tinggi
15
masukan sisi
13
masukkan r
11
luas selimut dari kerucut:449.02
luas permukaan kerucut:828.96
volume kerucut:1899.7
PS C:\AI>