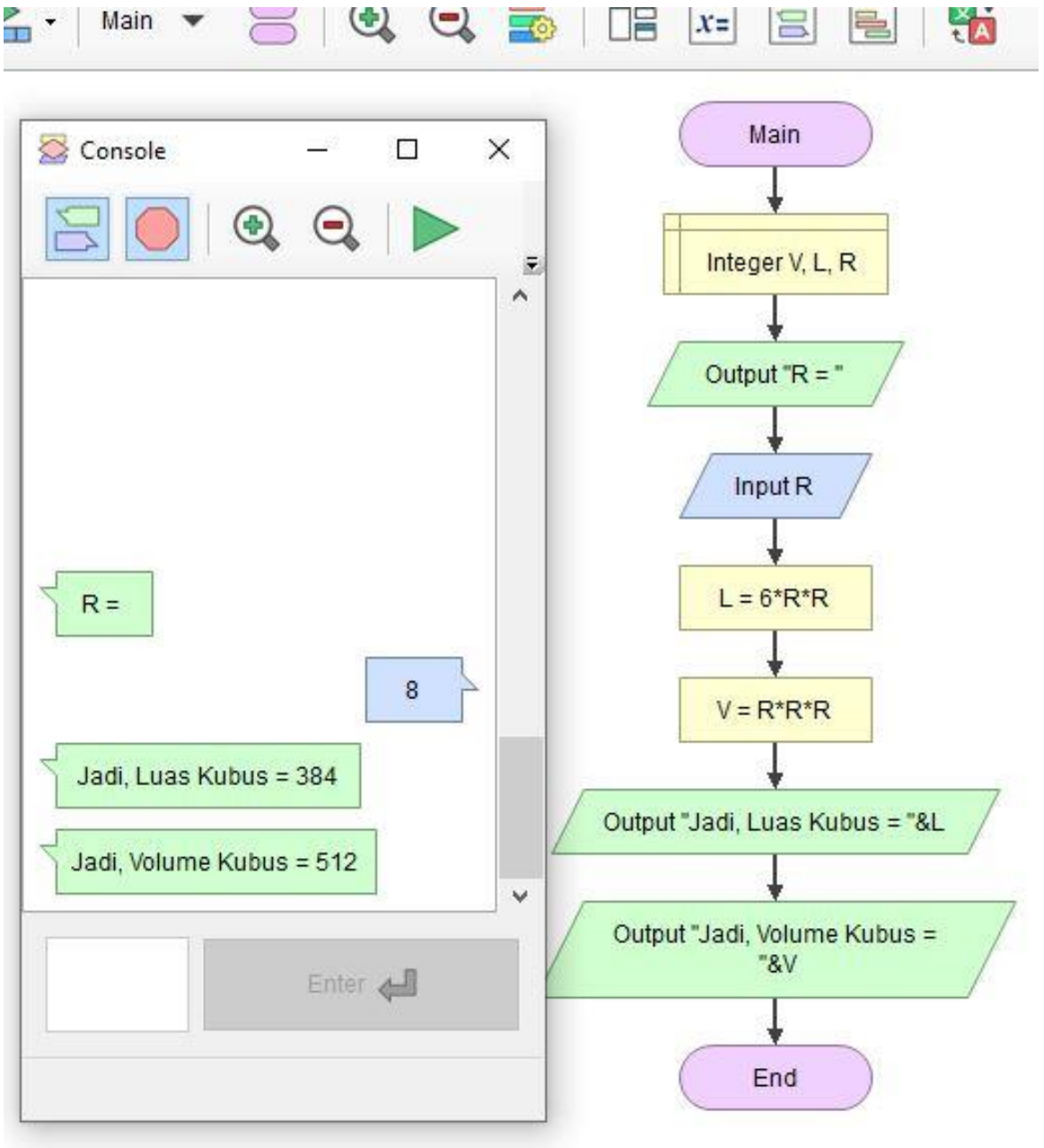
Menghitung Luas & Volume
KUBUS



Source Code (.py)

```
Kubus.py
Kubus.py > ...
1   print("\n")
2   print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
3   print("====================KUBUS==================")
4
5   r = int(input("Rusuk (R) = "))
6   l = 6 * r * r
7   v = r * r * r
8
9   print("Jadi, Luas Kubus = " + str(l))
10  print("Jadi, Volume Kubus = " + str(v))
11  print("\n")
12
```

```
PROBLEMS  OUTPUT  TERMINAL  DEBUG CONSOLE        Python Debug Console
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Praktikum Indivisu 5>  & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python
.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '50794' '--' 'd:\TI\AI\Praktikum Indivisu 5\Kubus.py'


PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
====================KUBUS==================
Rusuk (R) = 8
Jadi, Luas Kubus = 384
Jadi, Volume Kubus = 512


PS D:\TI\AI\Praktikum Indivisu 5>
```
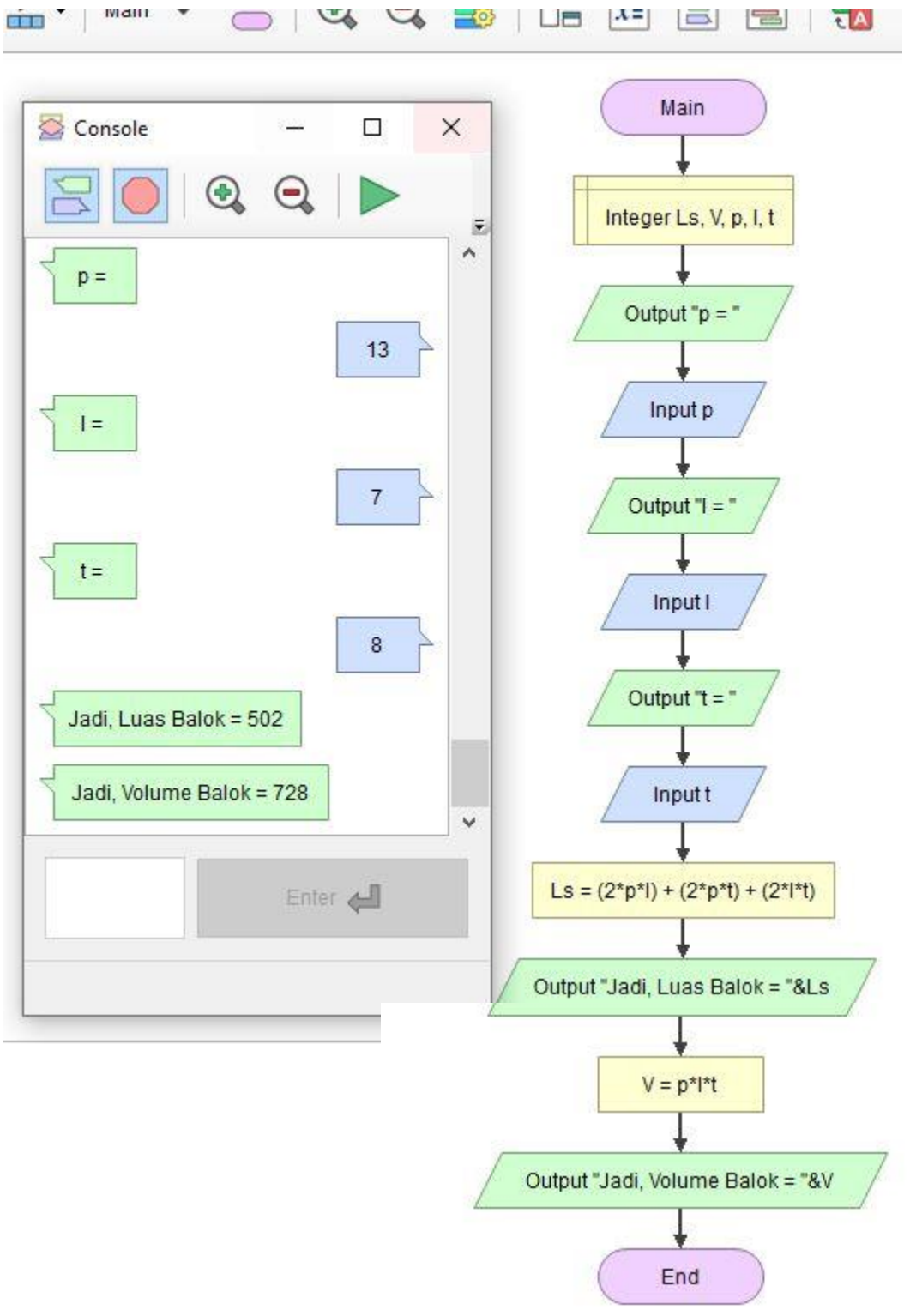

Menghitung Luas & Volume
BALOK



Source Code (.py)

```
print("\n")
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("====================BALOK==================")

p = int(input("p = "))
l = int(input("l = "))
t = int(input("t = "))

ls = 2 * p * l + 2 * p * t + 2 * l * t
print("Jadi, Luas Balok = " + str(ls))

v = p * l * t
print("Jadi, Volume Balok = " + str(v))
```

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Praktikum Indivisu 5>  & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python
.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '50476' '--' 'd:\TI\AI\Praktikum Indivisu 5\Balik.py'


PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
====================BALOK==================
p = 13
l = 7
t = 8
Jadi, Luas Balok = 502
Jadi, Volume Balok = 728
PS D:\TI\AI\Praktikum Indivisu 5>
```
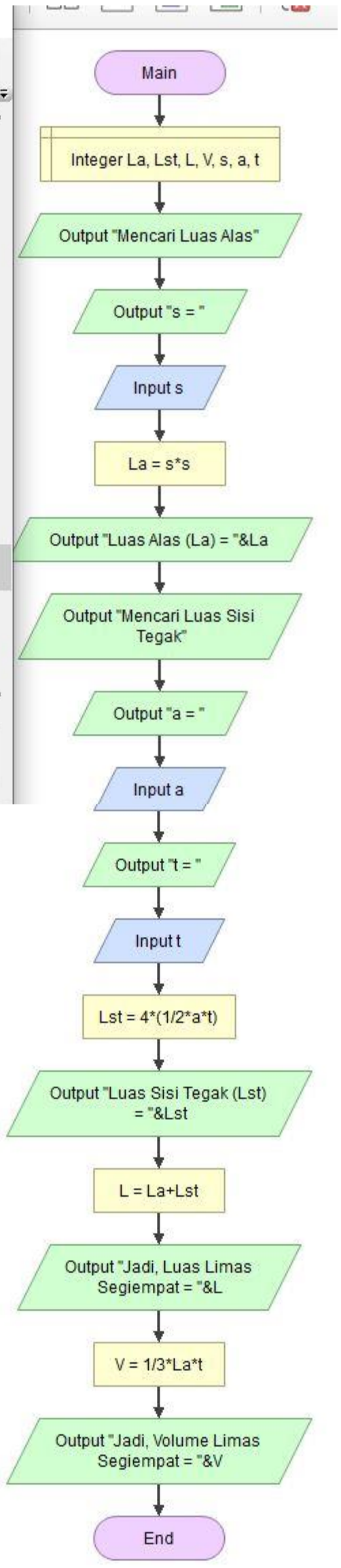

Menghitung Luas & Volume
LIMAS SEGIEMPAT



Source Code (.py)

Kubus.py | Balik.py | Limas Segiempat.py

Limas Segiempat.py > ...

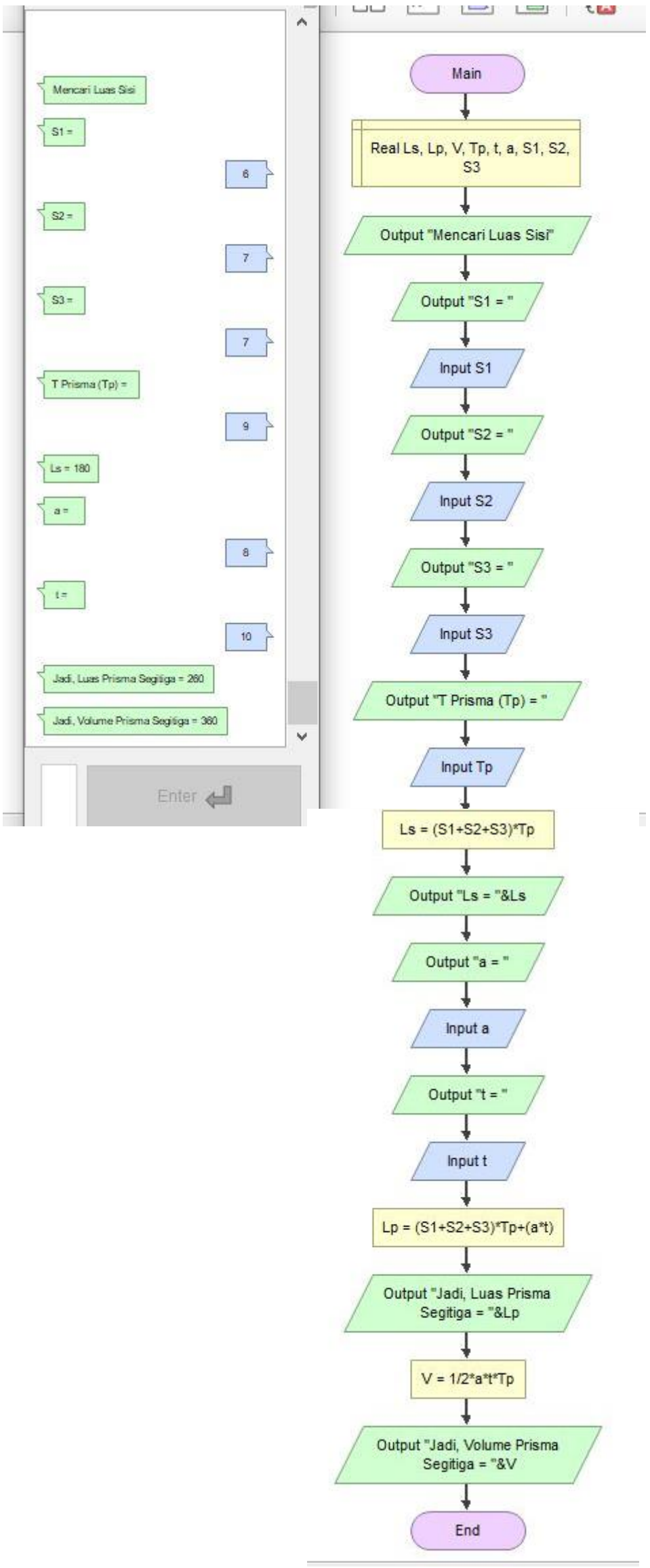
```python
print("\n")
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("================LIMAS SEGIEMPAT==============")

print("Mencari Luas Alas")
s = int(input("s = "))
la = s * s
print("Luas Alas (La) = " + str(la))

print("Mencari Luas Sisi Tegak")
a = int(input("a = "))
t = int(input("t = "))
lst = 4 * (float(1 / 2) * a * t)
print("Luas Sisi Tegak (Lst) = " + str(lst))

l = la + lst
print("Jadi, Luas Limas Segiempat = " + str(l))
v = float(1) / 3 * la * t
print("Jadi, Volume Limas Segiempat = " + str(v))
```

PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE — Python Debug Console

```
PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
================LIMAS SEGIEMPAT==============
Mencari Luas Alas
s = 8
Luas Alas (La) = 64
Mencari Luas Sisi Tegak
a = 6
t = 9
Luas Sisi Tegak (Lst) = 108.0
Jadi, Luas Limas Segiempat = 172.0
Jadi, Volume Limas Segiempat = 192.0
PS D:\TI\AI\Praktikum Indivisu 5>
```

Ln 20, Col 1 Spaces: 4 UTF-8 CRLF Python

Menghitung Luas & Volume
PRISMA SEGITIGA



Source Code (.py)

Kubus.py | Balik.py | Limas Segiempat.py | Prisma Segitiga.py

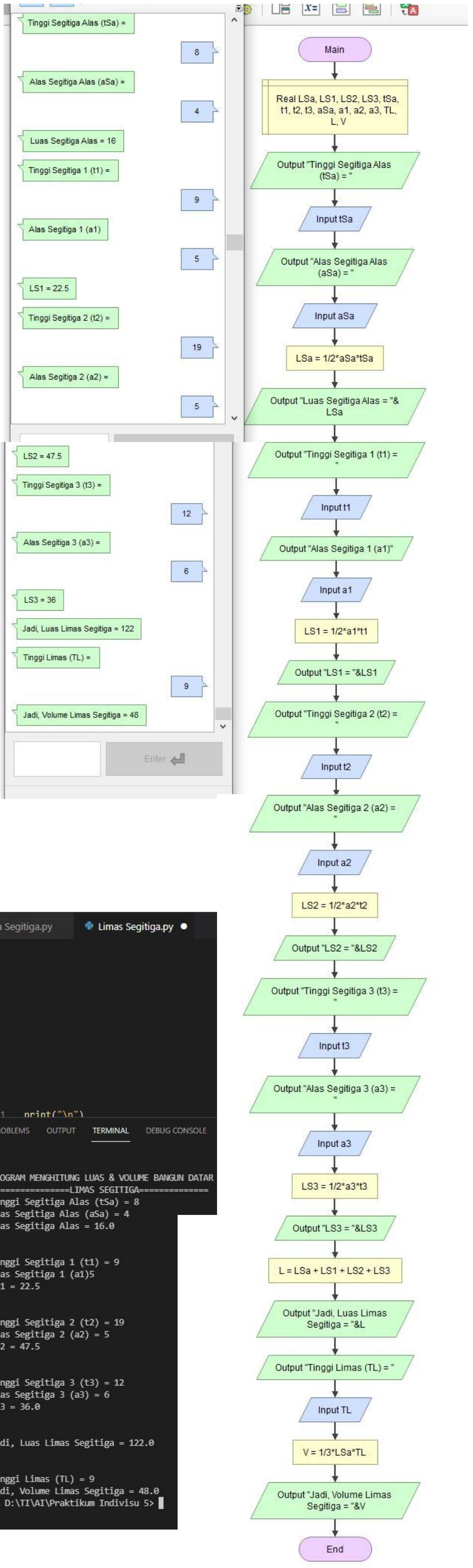
Prisma Segitiga.py > ...

```
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("================PRISMA SEGITIGA==============")

print("Mencari Luas Sisi")
s1 = float(input("S1 = "))
s2 = float(input("S2 = "))
s3 = float(input("S3 = "))

tp = float(input("T Prisma (Tp) = "))
ls = (s1 + s2 + s3) * tp
print("Ls = " + str(ls))

a = float(input("a = "))
t = float(input("t = "))
lp = (s1 + s2 + s3) * tp + a * t
print("Jadi, Luas Prisma Segitiga = " + str(lp))

v = float(1) / 2 * a * t * tp
print("Jadi, Volume Prisma Segitiga = " + str(v))
```

PROBLEMS | OUTPUT | TERMINAL | DEBUG CONSOLE — Python Debug Console

```
================PRISMA SEGITIGA==============
Mencari Luas Sisi
S1 = 8
S2 = 7
S3 = 7
T Prisma (Tp) = 9
Ls = 198.0
a = 8
t = 10
Jadi, Luas Prisma Segitiga = 278.0
Jadi, Volume Prisma Segitiga = 360.0
PS D:\TI\AI\Praktikum Indivisu 5>
```

Menghitung Luas & Volume
LIMAS SEGITIGA



Source Code (.py)

Kubus.py | Balik.py | Limas Segiempat.py | Prisma Segitiga.py | Limas Segitiga.py

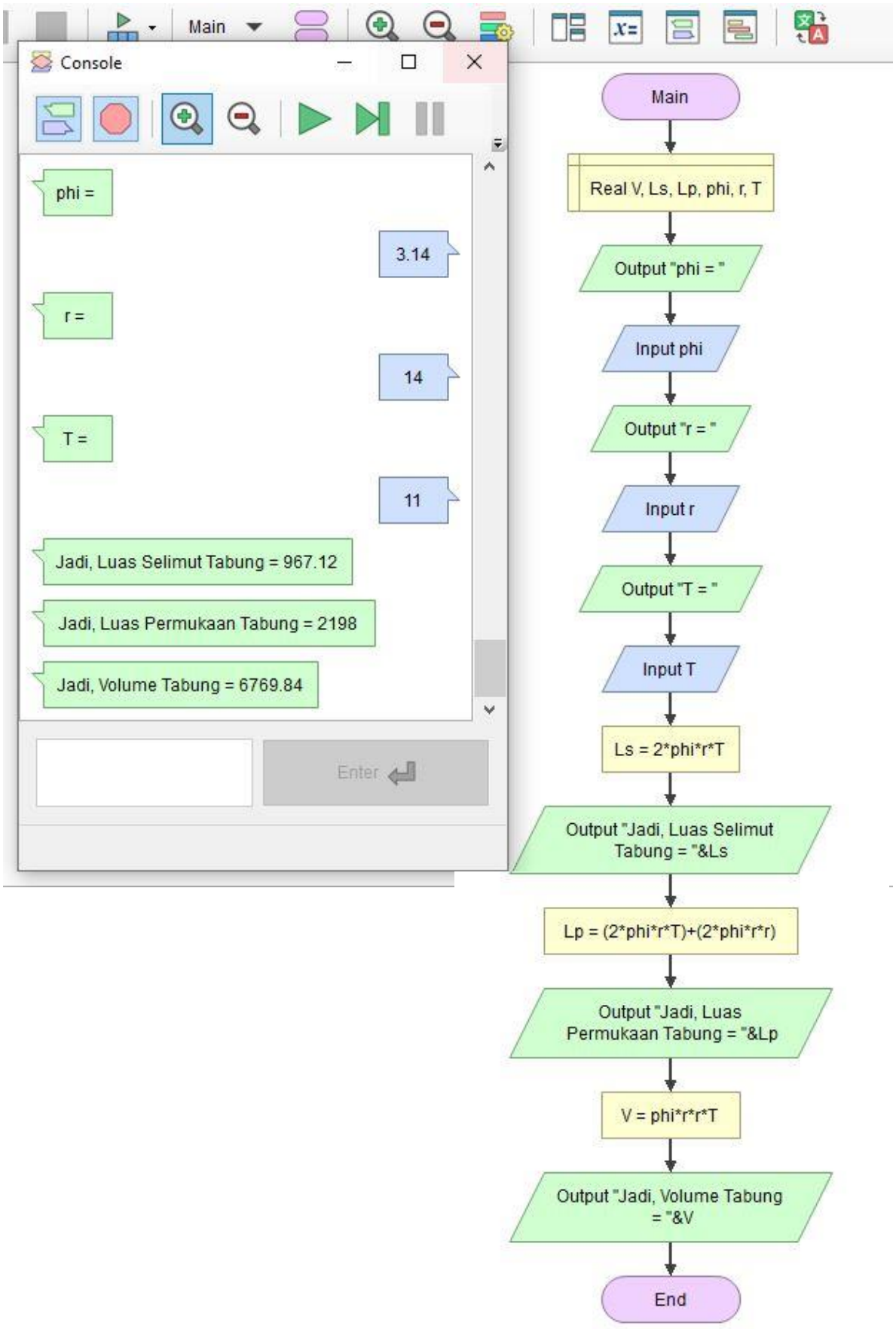
Limas Segitiga.py > ...

```python
print("\n")
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("================LIMAS SEGITIGA==============")

tSa = float(input("Tinggi Segitiga Alas (tSa) = "))
aSa = float(input("Alas Segitiga Alas (aSa) = "))
lSa = float(1 / 2) * aSa * tSa
print("Luas Segitiga Alas = " + str(lSa))

t1 = float(input("Tinggi Segitiga 1 (t1) = "))
a1 = float(input("Alas Segitiga 1 (a1)"))
lS1 = float(1 / 2) * a1 * t1
print("LS1 = " + str(lS1))

t2 = float(input("Tinggi Segitiga 2 (t2) = "))
a2 = float(input("Alas Segitiga 2 (a2) = "))
lS2 = float(1 / 2) * a2 * t2
print("LS2 = " + str(lS2))

t3 = float(input("Tinggi Segitiga 3 (t3) = "))
a3 = float(input("Alas Segitiga 3 (a3) = "))
lS3 = float(1 / 2) * a3 * t3
print("LS3 = " + str(lS3))

l = lSa + lS1 + lS2 + lS3
print("Jadi, Luas Limas Segitiga = " + str(l))

tL = float(input("Tinggi Limas (TL) = "))
v = float(1 / 3) * lSa * tL
print("Jadi, Volume Limas Segitiga = " + str(v))
```

PROBLEMS | OUTPUT | TERMINAL | DEBUG CONSOLE

```
PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
================LIMAS SEGITIGA==============
Tinggi Segitiga Alas (tSa) = 8
Alas Segitiga Alas (aSa) = 4
Luas Segitiga Alas = 16.0

Tinggi Segitiga 1 (t1) = 9
Alas Segitiga 1 (a1)5
LS1 = 22.5

Tinggi Segitiga 2 (t2) = 19
Alas Segitiga 2 (a2) = 5
LS2 = 47.5

Tinggi Segitiga 3 (t3) = 12
Alas Segitiga 3 (a3) = 6
LS3 = 36.0

Jadi, Luas Limas Segitiga = 122.0

Tinggi Limas (TL) = 9
Jadi, Volume Limas Segitiga = 48.0
PS D:\TI\AI\Praktikum Indivisu 5>
```

Menghitung Luas & Volume
TABUNG



Source Code (.py)

Kubus.py | Balik.py | Limas Segiempat.py | Prisma Segitiga.py | Limas Segitiga.py | Tabung.py

Tabung.py > ...

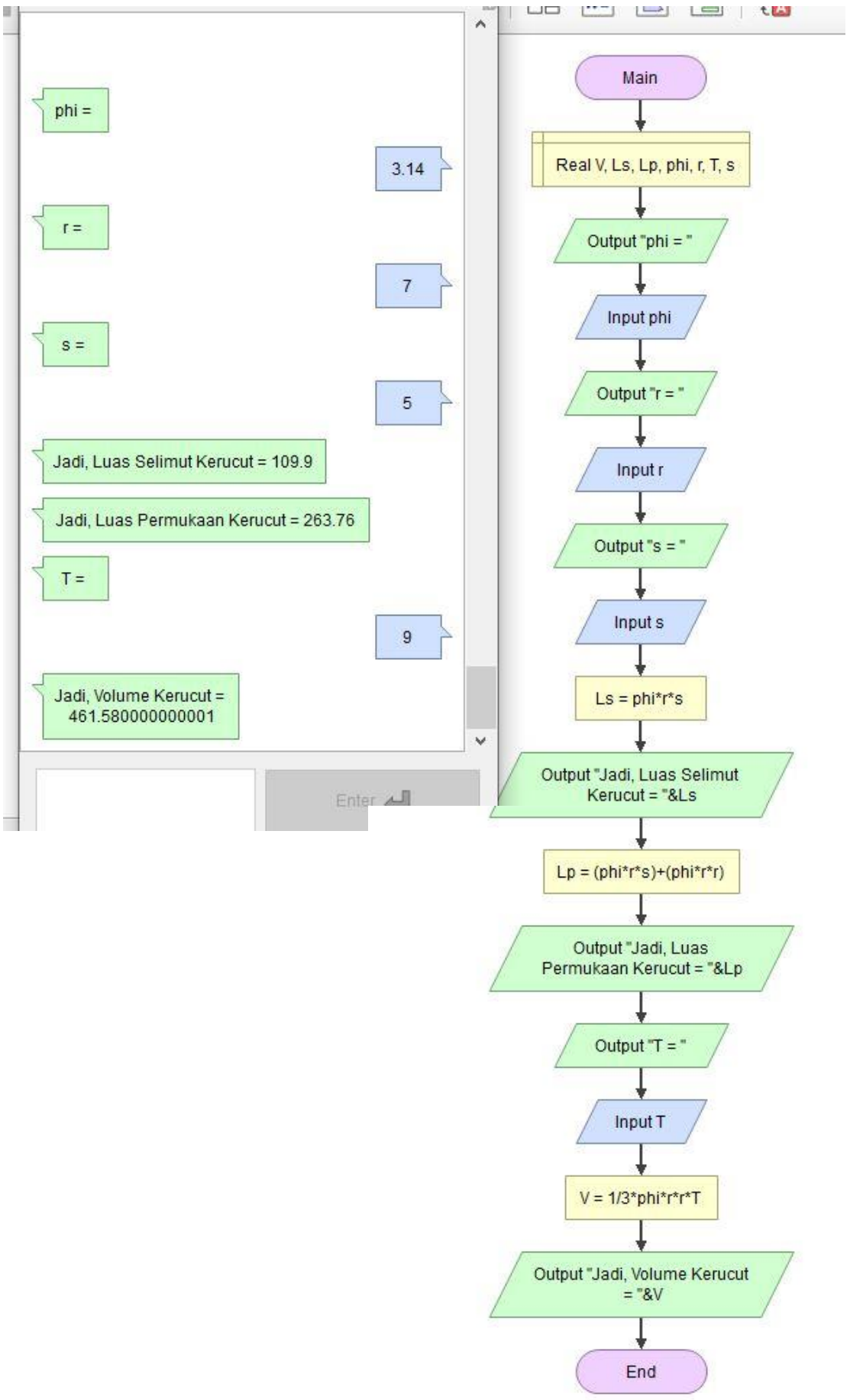
```python
print("\n")
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("====================TABUNG=================")

phi = float(input("phi = "))
r = float(input("r = "))
t = float(input("T = "))

ls = 2 * phi * r * t
print("Jadi, Luas Selimut Tabung = " + str(ls))

lp = 2 * phi * r * t + 2 * phi * r * r
print("Jadi, Luas Permukaan Tabung = " + str(lp))

v = phi * r * r * t
print("Jadi, Volume Tabung = " + str(v))
```

PROBLEMS | OUTPUT | TERMINAL | DEBUG CONSOLE | Python Debug Console

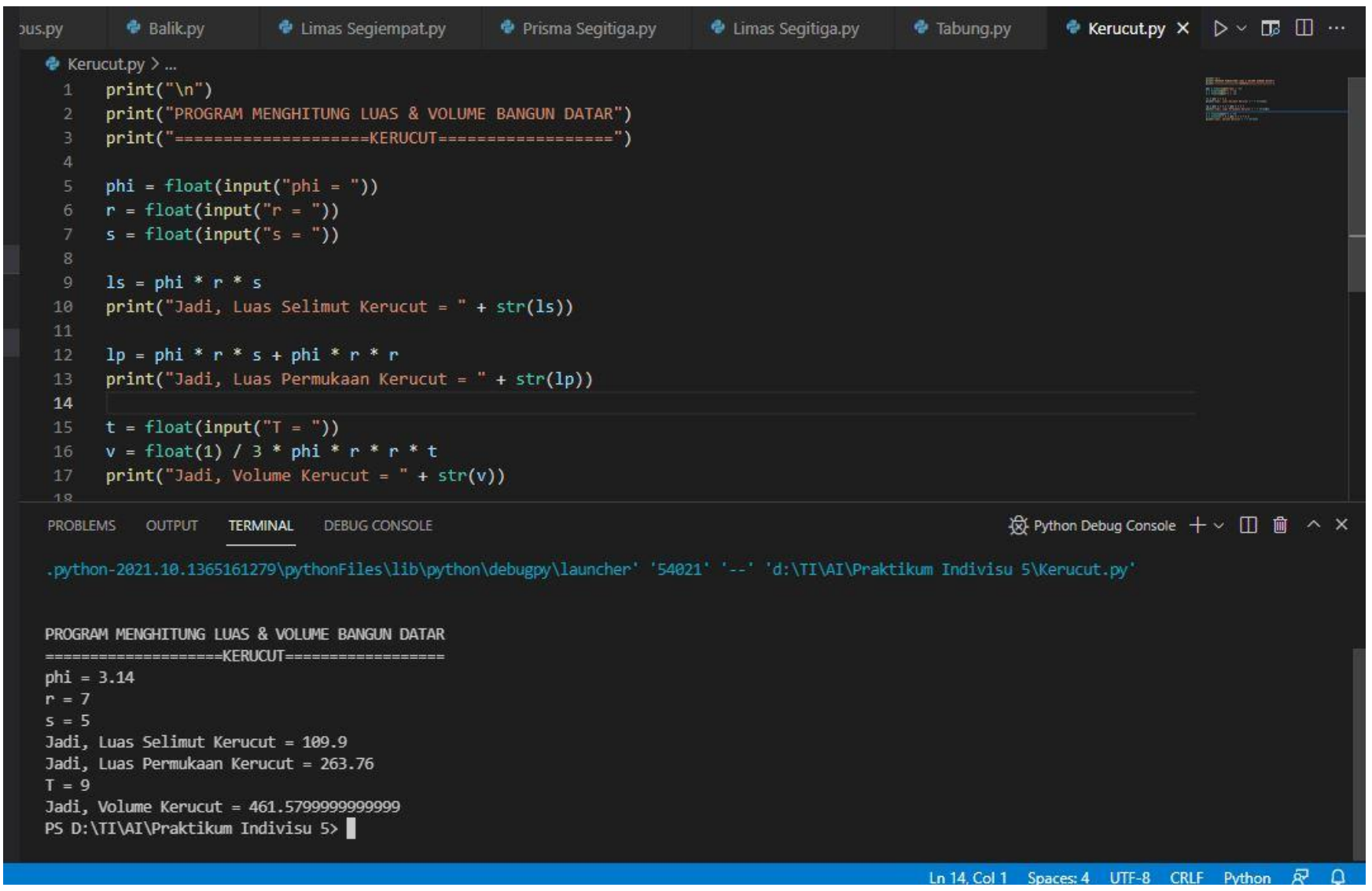
```
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Praktikum Indivisu 5> & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '54000' '--' 'd:\TI\AI\Praktikum Indivisu 5\Tabung.py'


PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
====================TABUNG=================
phi = 3.14
r = 14
T = 11
Jadi, Luas Selimut Tabung = 967.12
Jadi, Luas Permukaan Tabung = 2198.0
Jadi, Volume Tabung = 6769.84
PS D:\TI\AI\Praktikum Indivisu 5>
```

Ln 17, Col 1 | Spaces: 4 | UTF-8 | CRLF | Python

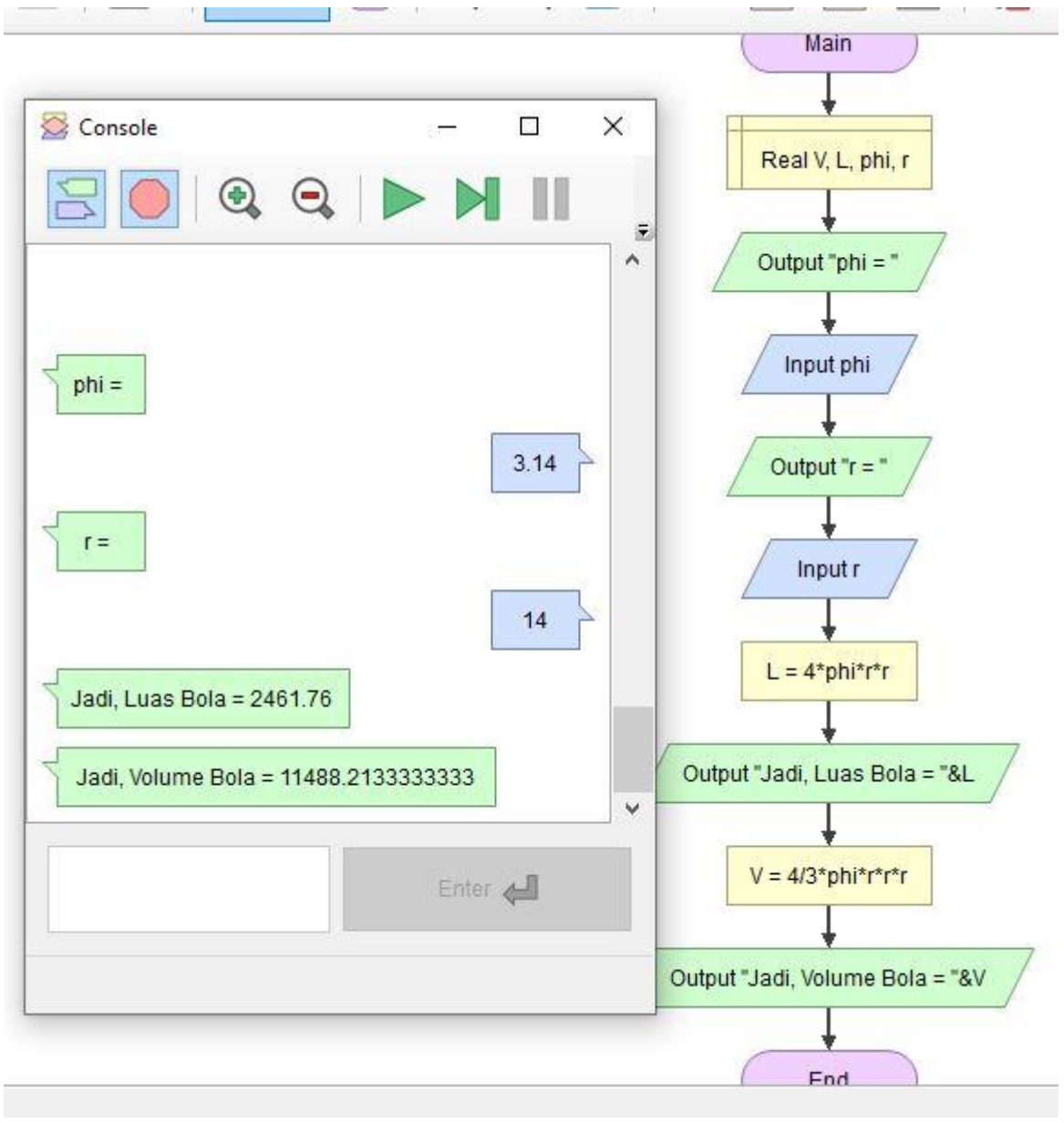
Menghitung Luas & Volume
KERUCUT



Source Code (.py)



Menghitung Luas & Volume
BOLA



Source Code (.py)

```
print("\n")
print("PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR")
print("====================BOLA==================")

phi = float(input("phi = "))
r = float(input("r = "))
l = 4 * phi * r * r

print("Jadi, Luas Bola = " + str(l))
v = float(4) / 3 * phi * r * r * r
print("Jadi, Volume Bola = " + str(v))

```

```
Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\TI\AI\Praktikum Indivisu 5>  & 'C:\Users\User\AppData\Local\Programs\Python\Python39\python.exe' 'c:\Users\User\.vscode\extensions\ms-python
.python-2021.10.1365161279\pythonFiles\lib\python\debugpy\launcher' '55516' '--' 'd:\TI\AI\Praktikum Indivisu 5\Bola.py'


PROGRAM MENGHITUNG LUAS & VOLUME BANGUN DATAR
====================BOLA==================
phi = 3.14
r = 14
Jadi, Luas Bola = 2461.76
Jadi, Volume Bola = 11488.213333333333
PS D:\TI\AI\Praktikum Indivisu 5>
```