

File Edit Selection View Go Run ... Documents

EXPLORER

- DOCUMENTS
  - Ilham\_UI\_BangunDatar.py
  - PBO\_Pertemuan2
  - PBO\_Pertemuan3
  - PBO\_Pertemuan4
    - balok\_ilham.py
    - ilham\_bola.py
    - kerucut\_ilham.py
    - kubus\_ilham.py
    - limas\_segiempat\_ilham.py
    - limas\_segitiga\_ilham.py
    - praktikum.py
    - Prisma\_Segitiga\_ilham.py
    - tabung\_ilham.py
  - Ilham\_UI\_BangunDatar.py
  - loop\_ilham.py
  - nested.py
  - number\_ilham.py
  - string\_ilham.py
  - tugas\_ilham.py
  - Tugas\_kondisi\_ilham.py
  - 220511113\_Muhammad\_Ilham\_Ra...
  - 220511113\_Muhammad\_Ilham\_Ra...
  - Ilham\_UI\_BangunDatar.py
  - index.html
  - persegi.py
  - style.css
  - tugas\_ilham.py
  - tugas\_PBO\_Raka(1).py
  - WebCam Media
  - ~\$isi.docx
  - ~\$maran pekerjaan dewi.docx
  - Bahan Bio Update Xlsx

limas\_segiempat\_ilham.py Limas\_Segitiga\_Ilham.py tabung\_ilham.py kerucut\_ilham.py balok\_ilham.py

project ilham > PBO > PBO\_Pertemuan4 > balok\_ilham.py > ...

```
22 ... txtVolume.insert(END,V)
23
24 def hitung():
25     ... hitung_luas()
26     ... hitung_volume()
27
28 #create tkinter object
29 app = tk.Tk()
30
31 #tambahkan judul
32 app.title("KALKULATOR LUAS DAN VOLUME BALOK")
33
34 #windows
35 frame = Frame(app)
36 frame.pack(padx=40, pady=40)
37
38 #NAMA
39 nama = Label(frame, text="MUHAMMAD ILHAM RAMDHANI")
40 nama.grid(row=0, column=0, sticky=W, padx=5, pady=5)
41
42 #Label input
43 panjang = Label(frame, text="Panjang:")
44 panjang.grid(row=1, column=0, sticky=W, padx=5, pady=5)
45 lebar = Label(frame, text="Lebar:")
46 lebar.grid(row=2, column=0, sticky=W, padx=5, pady=5)
47 tinggi = Label(frame, text="Tinggi:")
```

KALKULATOR LUAS DAN VOLUME BALOK

MUHAMMAD ILHAM RAMDHANI

Panjang: 10

Lebar: 7

Tinggi: 5

Hitung

Luas : 310.0

volume : 350.0

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\LENOVO\Documents> & C:\Users\LENOVO\AppData\Local\Programs\Python\Python312\python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/PBO\_Pertemuan4/balok\_ilham.py"

Ln 78, Col 15 (2025 selected) Spaces: 4 UTF-8 CRLF {} Python 3.12.0 64-bit Go Live

Type here to search

29°C 11:50 02/11/2023

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    - limas\_segitiga\_ilham.py
    - praktikum.py
    - Prisma\_Segitiga\_ilham.py
    - tabung\_ilham.py
    - Ilham\_UI\_BangunDatar.py
    - loop\_ilham.py
    - nested.py
    - number\_ilham.py
    - string\_ilham.py
    - tugas\_ilham.py
    - Tugas\_kondisi\_ilham.py
    - 220511113\_Muhammad\_Ilham\_Ra...
    - 220511113\_Muhammad\_Ilham\_Ra...
    - Ilham\_UI\_BangunDatar.py
    - index.html
    - persegi.py
    - style.css
    - tugas\_ilham.py
    - tugas\_PBO\_Raka(1).py
  - WebCam Media
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  - ~\$maran pekerjaan dewi.docx
  - Bahan Bio Update Xlsx
  - OUTLINE
  - TIMELINE

limas\_segiempat\_ilham.py

```
27 app = tk.Tk()
28
29 #tambahkan judul
30 app.title("KALKULATOR LUAS DAN VOLUME LIMAS SEGIEMPAT")
31
32 #windows
33 frame = Frame(app)
34 frame.pack(padx=40, pady=40)
35
36 #NAMA
37 nama = Label(frame, text="MUHAMMAD ILHAM RAMDHANI")
38 nama.grid(row=0, column=0, sticky=W, padx=5, pady=5)
39
40 #Label input
41 alas = Label(frame, text="Alas:")
42 alas.grid(row=1, column=0, sticky=W, padx=5, pady=5)
43 tinggi = Label(frame, text="Tinggi:")
44 tinggi.grid(row=2, column=0, sticky=W, padx=5, pady=5)
45
46 #Textbox input
47 txtalas = Entry(frame)
48 txtalas.grid(row=1, column=1)
49 txttinggi = Entry(frame)
50 txttinggi.grid(row=2, column=1)
51
52 #Button
```

KALKULATOR LUAS DAN VOLUME LIMAS SEGIEMPAT

MUHAMMAD ILHAM RAMDHANI

Alas: 10

Tinggi: 14

Hitung

Luas: 280.0

volume: 160.0

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO\_Pertemuan4/limas\_segiempat\_ilham.py"

PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO\_Pertemuan4/limas\_segiempat\_ilham.py"

Ln 72, Col 15 (1821 selected) Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit Go Live

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29°C 11:50 02/11/2023

Visual Studio Code interface showing a Python project for calculating the area and volume of a triangular prism.

**Explorer Panel:** Lists files in the project, including `Prisma_Segitiga_Ilham.py`.

**Code Editor:** Displays the Python code for `Prisma_Segitiga_Ilham.py`.

```
26
27
28     txtVolume.delete(0,END)
29     txtVolume.insert(END,V)
30
31 def hitung():
32     hitung_luas()
33     hitung_volume()
34
35 #create tkinter object
36 app = tk.Tk()
37
38 #tambahkan judul
39 app.title("KALKULATOR LUAS DAN VOLUME PRISMA SEGITIGA")
40
41 #windows
42 frame = Frame(app)
43 frame.pack(padx=40, pady=40)
44
45 #NAMA
46 nama = Label(frame, text="MUHAMMAD ILHAM RAMDHANI")
47 nama.grid(row=0, column=0, sticky=W, padx=5, pady=5)
48
49 #Label input
50 alas = Label(frame, text="Alas:")
51 alas.grid(row=1, column=0, sticky=W, padx=5, pady=5)
52
53 #Label input
54 tinggiprisma = Label(frame, text="Tinggi Prisma:")
55 tinggiprisma.grid(row=2, column=0, sticky=W, padx=5, pady=5)
56
57 #Label input
58 sisi1 = Label(frame, text="Sisi 1:")
59 sisi1.grid(row=3, column=0, sticky=W, padx=5, pady=5)
60
61 #Label input
62 sisi2 = Label(frame, text="Sisi 2:")
63 sisi2.grid(row=4, column=0, sticky=W, padx=5, pady=5)
64
65 #Label input
66 sisi3 = Label(frame, text="Sisi 3:")
67 sisi3.grid(row=5, column=0, sticky=W, padx=5, pady=5)
68
69 #Label output
70 luas = Label(frame, text="Luas:")
71 luas.grid(row=6, column=0, sticky=W, padx=5, pady=5)
72
73 #Label output
74 volume = Label(frame, text="Volume:")
75 volume.grid(row=7, column=0, sticky=W, padx=5, pady=5)
76
77 #Hitung button
78 hitung = Button(frame, text="Hitung")
79 hitung.grid(row=8, column=0, sticky=W, padx=5, pady=5)
```

**Terminal Panel:** Shows the command to run the script:

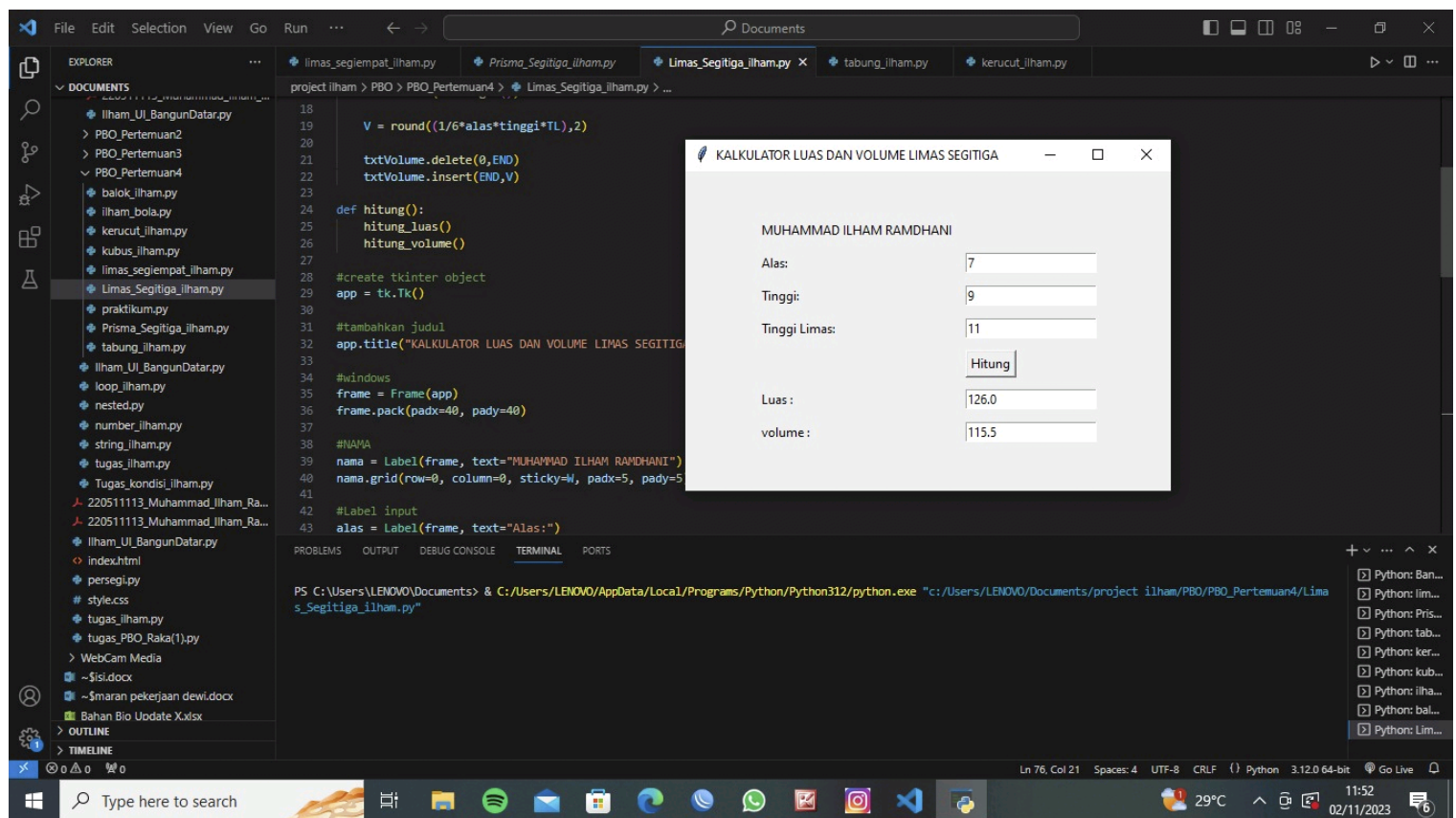
```
PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/Pertemuan4/Prisma_Segitiga_Ilham.py"
```

**Output Panel:** Displays the output of the script, showing the calculated area and volume.

**Calculator Window:** A separate window titled "KALKULATOR LUAS DAN VOLUME PRISMA SEGITIGA" displays the input values and the calculated results.

Input	Value
Alas	8
Tinggi	10
Tinggi Prisma	12
Sisi 1	7
Sisi 2	7
Sisi 3	7
Luas	332.0
Volume	480.0





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  - Bahan Bio Update Xslsx

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/Pertemuan4/tabung_ilham.py"
PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/Pertemuan4/tabung_ilham.py"
```

KALKULATOR LUAS DAN VOLUME TABUNG

MUHAMMAD ILHAM RAMDHANI

jari jari: 14

Tinggi Tabung: 14

Hitung

Luas: 2550.97

volume: 9236.28

Ln 73, Col 15 (1815 selected) Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit Go Live

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29°C 11:52 02/11/2023

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  - style.css
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  - tugas\_PBO\_Raka(1).py
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- \$maran pekerjaan dewi.docx
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- OUTLINE
- TIMELINE

project ilham > PBO > PBO\_Pertemuan4 > kerucut\_ilham.py > ...

```
32 #tambahkan judul
33 app.title("KALKULATOR LUAS DAN VOLUME KERUCUT")
34
35 #windows
36 frame = Frame(app)
37 frame.pack(padx=40, pady=40)
38
39 #NAMA
40 nama = Label(frame, text="MUHAMMAD ILHAM RAMDHANI")
41 nama.grid(row=0, column=0, sticky=W, padx=5, pady=5)
42
43 #Label jari jari
44 jari_jari = Label(frame, text="jari jari:")
45 jari_jari.grid(row=1, column=0, sticky=W, padx=5, pady=5)
46 tinggi = Label(frame, text="Tinggi Kerucut:")
47 tinggi.grid(row=2, column=0, sticky=W, padx=5, pady=5)
48 selimut = Label(frame, text="Selimut Kerucut:")
49 selimut.grid(row=3, column=0, sticky=W, padx=5, pady=5)
50
51 # Textbox jari jari
52 txtjari_jari = Entry(frame)
53 txtjari_jari.grid(row=1, column=1)
54 txttinggi = Entry(frame)
55 txttinggi.grid(row=2, column=1)
56 txtselimut = Entry(frame)
57 txtselimut.grid(row=3, column=1)
```

KALKULATOR LUAS DAN VOLUME KERUCUT

MUHAMMAD ILHAM RAMDHANI

jari jari: 7

Tinggi Kerucut: 10

Selimut Kerucut: 4

Hitung

Luas: 659.73

volume: 513.13

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/PBO\_Pertemuan4/kerucut\_ilham.py"

PS C:\Users\LENOVO\Documents> & C:/Users/LENOVO/AppData/Local/Programs/Python/Python312/python.exe "c:/Users/LENOVO/Documents/project ilham/PBO/PBO\_Pertemuan4/kerucut\_ilham.py"

Ln 77, Col 21 Spaces: 4 UTF-8 CRLF Python 3.12.0 64-bit Go Live

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Visual Studio Code interface showing a Python project named "project ilham" with a file explorer on the left and a code editor in the center. The code editor displays the file `bola_ilham.py` with the following Python code:

```
1 import tkinter as tk
2 from tkinter import Frame, Label, Entry, Button, END, W
3 from math import pi
4
5 def hitung_luas():
6     r = float(txtjari_jari.get())
7     L = round((4 * pi * r**2),2)
8
9
10    txtLuas.delete(0,END)
11    txtLuas.insert(END,L)
12
13 def hitung_volume():
14     r = float(txtjari_jari.get())
15     V = round((4/3 * pi * r**3),2)
16
17
18    txtVolume.delete(0,END)
19    txtVolume.insert(END,V)
20
21 def hitung():
22     hitung_luas()
23     hitung_volume()
24
25 #create tkinter object
26 app = tk.Tk()
```

A window titled "KALKULATOR LUAS DAN VOLUME BOLA" is open, displaying the name "MUHAMMAD ILHAM RAMDHANI" and the following input/output fields:

Label	Value
jari jari:	7
Luas :	615.75
volume :	1436.76

The terminal at the bottom shows the command to run the program:

```
PS C:\Users\LENOVO\Documents> & C:\Users\LENOVO\AppData\Local\Programs\Python\Python312\python.exe "c:\Users\LENOVO\Documents\project ilham\PBO_Pertemuan4\bola_ilham.py"
```

The status bar at the bottom indicates the file is at line 67, column 15 (1559 selected), with 4 spaces, UTF-8 encoding, CRLF line endings, Python 3.12.0 64-bit, and Go Live extension.