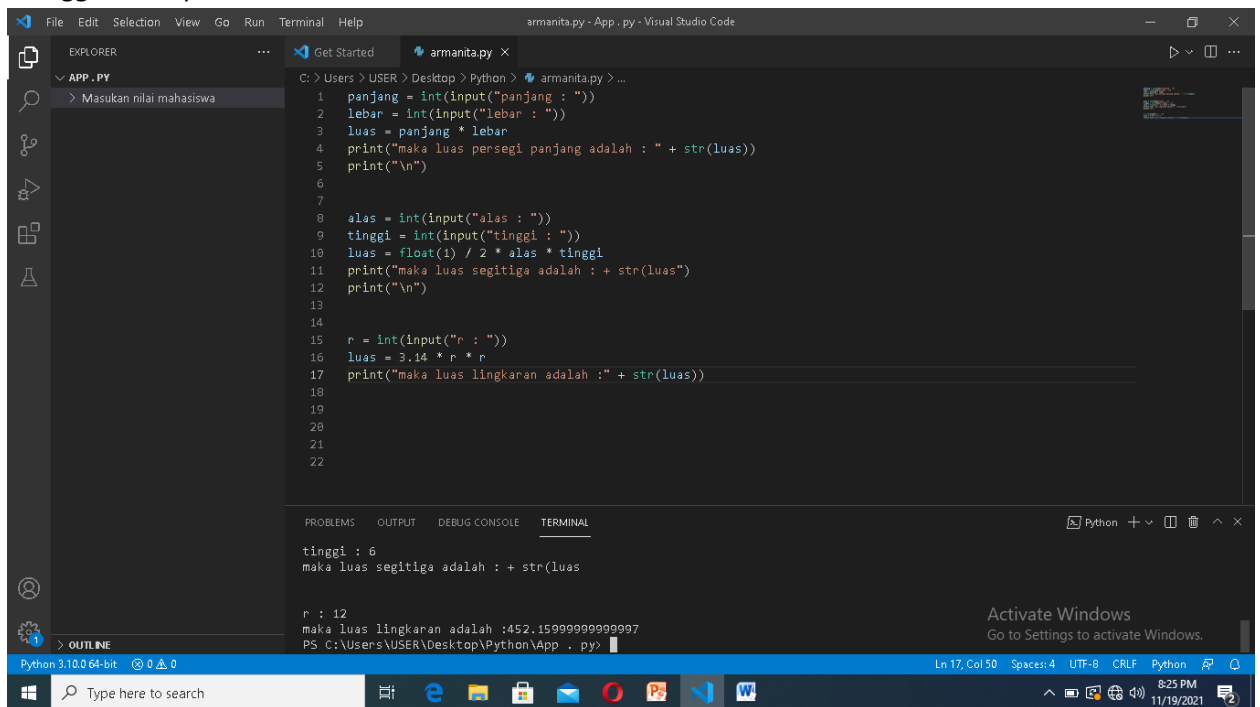


NAMA : ARMANITA ANING
NIM : 20.01.013.002
KELAS : 3A
TUGAS : PRAKTIKUM PYTHON 5

1. Buatlah program untuk menghitung luas persegi panjang ,segitiga dan lingkaran dengan menggunakan prosedur dalam satu file.



```
File Edit Selection View Go Run Terminal Help
armanita.py - App . py - Visual Studio Code

EXPLORER
APP . PY
Masukan nilai mahasiswa

armanita.py x
C: > Users > USER > Desktop > Python > armanita.py > ...
1 panjang = int(input("panjang : "))
2 lebar = int(input("lebar : "))
3 luas = panjang * lebar
4 print("maka luas persegi panjang adalah : " + str(luas))
5 print("\n")
6
7
8 alas = int(input("alas : "))
9 tinggi = int(input("tinggi : "))
10 luas = float(1) / 2 * alas * tinggi
11 print("maka luas segitiga adalah : + str(luas)")
12 print("\n")
13
14
15 r = int(input("r : "))
16 luas = 3.14 * r * r
17 print("maka luas lingkaran adalah : " + str(luas))
18
19
20
21
22

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python + - - - - -
tinggi : 6
maka luas segitiga adalah : + str(luas)

r : 12
maka luas lingkaran adalah :452.15999999999997
PS c:\Users\USER\Desktop\Python\App . py?

Activate Windows
Go to Settings to activate Windows.

Python 3.10.0 64-bit @ 0.0.0 Ln 17, Col 50 Spaces:4 UTF-8 CRLF Python 8:25 PM 11/19/2021
```

```
File Edit Selection View Go Run Terminal Help
armanita.py - App . py - Visual Studio Code

EXPLORER
APP . PY
Masukan nilai mahasiswa

armanita.py
1 panjang = int(input("panjang : "))
2 lebar = int(input("lebar : "))
3 luas = panjang * lebar
4 print("maka luas persegi panjang adalah : " + str(luas))

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

PS C:\Users\USER\Desktop\Python\App . py> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/armanita.py
panjang : 8
lebar : 14
maka luas persegi panjang adalah : 112
panjang : 8
lebar : 14
maka luas persegi panjang adalah : 112

alas : 12
tinggi : 6
tinggi : 6
maka luas segitiga adalah : 36

r : 12
maka luas lingkaran adalah :452.15999999999997
PS C:\Users\USER\Desktop\Python\App . py>

Activate Windows
Go to Settings to activate Windows.
```

2. Modifikasi soal nmor 1 dimana setiap prosuder disimpan dalam file yang berbeda

```
File Edit Selection View Go Run Terminal Help
armanita.py - App . py - Visual Studio Code

EXPLORER
APP . PY
Masukan nilai mahasiswa

armanita.py
1 panjang = int(input("panjang : "))
2 lebar = int(input("lebar : "))
3 luas = panjang * lebar
4 print("maka luas persegi panjang adalah : " + str(luas))
5 print("\n")
6
7
8
9

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

PS C:\Users\USER\Desktop\Python\App . py> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/armanita.py
panjang : 10
lebar : 12
maka luas persegi panjang adalah : 120

PS C:\Users\USER\Desktop\Python\App . py>

Activate Windows
Go to Settings to activate Windows.
```

The screenshot shows the Visual Studio Code interface with a Python file named `armanita.py` open. The Explorer sidebar on the left shows the file structure with `APP.PY` and a sub-item `Masukan nilai mahasiswa`. The code in the editor is as follows:

```
1 alas = int(input("alas : "))
2 tinggi = int(input("tinggi : "))
3 luas = float(1) / 2 * alas * tinggi
4 print("maka luas segitiga adalah : " + str(luas))
5 print("\n")
6
7
8
9
```

The TERMINAL panel at the bottom shows the execution of the script in a Windows PowerShell environment. The output is:

```
PS C:\Users\USER\Desktop\Python\App . py> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/armanita.py
alas : 10
tinggi : 8
maka luas segitiga adalah :40.0
PS C:\Users\USER\Desktop\Python\App . py>
```

The status bar at the bottom indicates the file is at line 5, column 12, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows the date and time as 8:39 PM on 11/19/2021.

The screenshot shows the Visual Studio Code interface with a Python file named `armanita.py` open. The Explorer sidebar on the left shows the file structure with `APP.PY` and a sub-item `Masukan nilai mahasiswa`. The code in the editor is as follows:

```
1 r = int(input("r : "))
2 luas = 3.14 * r * r
3 print("maka luas lingkaran adalah : " + str(luas))
4
5
6
7
8
9
```

The TERMINAL panel at the bottom shows the execution of the script in a Windows PowerShell environment. The output is:

```
PS C:\Users\USER\Desktop\Python\App . py> & C:/Users/USER/AppData/Local/Programs/Python/Python310/python.exe c:/Users/USER/Desktop/Python/armanita.py
r : 10
maka luas lingkaran adalah :314.0
PS C:\Users\USER\Desktop\Python\App . py>
```

The status bar at the bottom indicates the file is at line 3, column 50, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows the date and time as 8:44 PM on 11/19/2021.

