

Sesillia | 2004606 | Pemrograman Berorientasi Objek

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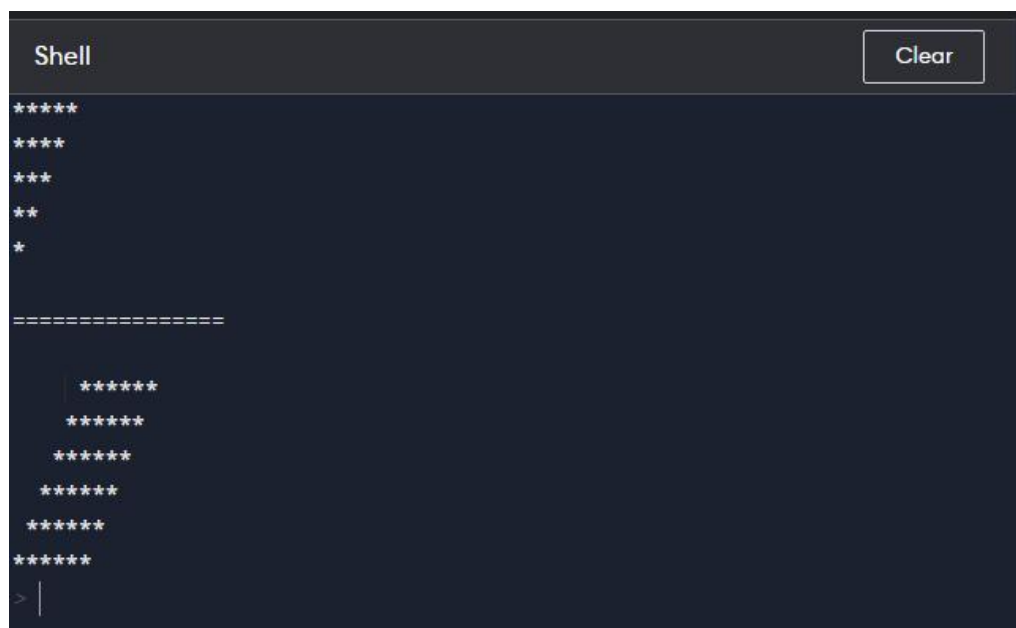
1. Tugas No.1

```

1 class Segitiga:
2     def __init__(self, l, i):
3         self.T=l
4         self.i=i
5
6     def perhitungan1(self):
7         for self.i in range(1, self.T+1):
8             print((self.i*self.i)*" ")
9
10    def perhitungan2(self):
11        for self.i in range(1, self.T+1):
12            print((self.i*self.i)*" "*(self.i)*" ")
13
14    Segitiga_terbalik = Segitiga(
15        l=4,
16        i=6
17    )
18    Segitiga_terbalik.perhitungan1()
19    print("-----")
20    print("")
21    Segitiga_terbalik.perhitungan2()

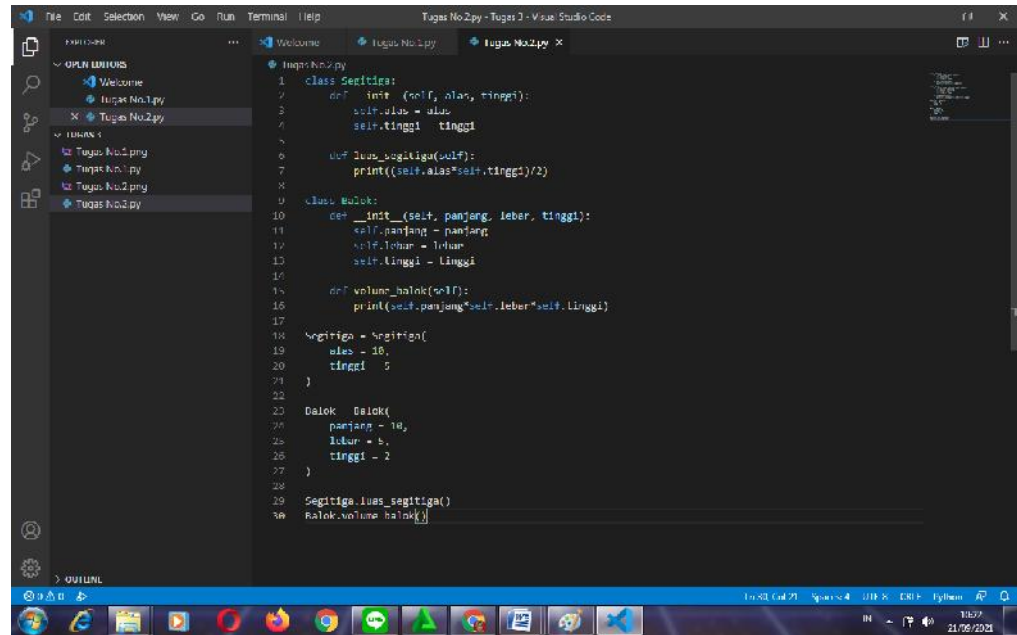
```

Gambar 1.1 Script tugas no.1



Gambar 1.2 Hasil Run script tugas no.1

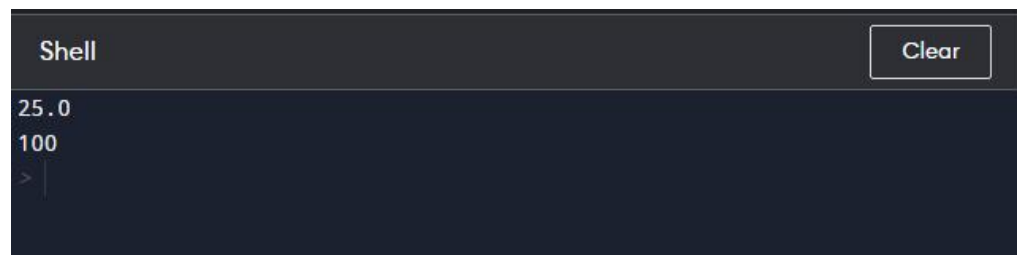
2. Tugas No.2



The screenshot shows the Visual Studio Code interface with a Python file named 'Tugas No.2.py'. The code defines a class 'Segitiga' with methods for calculating area and volume, and a class 'Balok' for calculating volume. The script creates instances of these classes and prints the results.

```
1 class Segitiga:
2     def __init__(self, alas, tinggi):
3         self.alas = alas
4         self.tinggi = tinggi
5
6     def luas_segitiga(self):
7         print((self.alas*self.tinggi)/2)
8
9 class Balok:
10     def __init__(self, panjang, lebar, tinggi):
11         self.panjang = panjang
12         self.lebar = lebar
13         self.tinggi = tinggi
14
15     def volume_balok(self):
16         print(self.panjang*self.lebar*self.tinggi)
17
18 segitiga = Segitiga(
19     alas = 10,
20     tinggi = 5
21 )
22
23 balok = Balok(
24     panjang = 10,
25     lebar = 5,
26     tinggi = 2
27 )
28
29 segitiga.luas_segitiga()
30 balok.volume_balok()
```

Gambar 2.1 Script tugas no.2



The screenshot shows a terminal window with the output of the script. The first line is '25.0' and the second line is '100'. The prompt is '>'.

```
Shell
25.0
100
>
```

Gambar 2.2 Hasil run script tugas no.2

Note: Saya melakukan run pada compiler online dikarenakan, aplikasi python tidak bisa terinstall Laptop yang saya gunakan.