



PEMROGRAMAN BERORIENTASI OBJEK LANJUT

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Prepared By:

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A. Overload

Script1:

```
print('contoh1')
print('Penggunaan fungsi "min" pada berbagai tipe data')
print(min('NisaMaharani'))
print(min(102,2,3,456))
print(min([111,21,456]))
print(min({11,21,456}))
print()

print('contoh2')
print('Penggunaan metode "count" pada berbagai tipe data')
data_angka = [1,2,3,45,3,21,1,2,2,3,2,4,4,3]
print(f'jumlah data 2 = {data_angka.count(2)}')
```

Output:

```
PS C:\Users\Asus\Documents\WATA KULIAH SEMESTER 4\PB02\latihan3\praktikum_3> & C:\Users\Asus\AppData\Local\Programs\Python\Python310\python.exe "c:\Users\Asus\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\Path\Occupents\P
```

Script 2:

```
#contoh3
print('penggunaan metode "reverse" untuk membalikan list')
data_angka = [1,2,3,45,3,21,1,2,2,3,2,4,4,3]
print(f'data angka sebelum direverse {data_angka}')
data_angka.reverse()
print(f'data angka reverse = {data_angka}')
```

Output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

PS C:\Users\Asus\Documents\WATA KULIAH SEMESTER 4\PB02\latihan3\praktikum_3> & C:\Users\Asus\AppData/Local/Programs/Python/Python310/python.exe "c:\Users\Asus
Obcuments\WATA KULIAH SEMESTER 4\PB02\latihan3\praktikum_3\powerload2.py"
penggunaan metode "reverse" untuk membalikan list
odata angka sebelum direverse [1, 2, 3, 45, 3, 21, 1, 2, 2, 3, 2, 4, 4, 3]
data angka reverse = [3, 4, 4, 2, 3, 2, 2, 1, 21, 3, 45, 3, 2, 1]
OPS C:\Users\Asus\Documents\WATA KULIAH SEMESTER 4\PB02\latihan3\praktikum_3>
```

B. Overriding

Script 1:

```
class Matematika:
    def subtraction(self, a, b):
        return a - b
```

```
def subtraction(self, a, b, c=0):
    return a - b - c

mat = Matematika()
B = mat.subtraction(3, 2, 1)
print(B)

mut = Matematika()
C = mut.subtraction(7,3)
print(C)
```

Output:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

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```

Script 2:

```
class BangunRuang:
   def volume(self):
       pass
class Balok(BangunRuang):
   def __init__(self, panjang, lebar, tinggi):
        self.panjang = panjang
        self.lebar = lebar
        self.tinggi = tinggi
   def volume(self):
        return self.panjang * self.lebar * self.tinggi
class Kubus(BangunRuang):
   def init (self, sisi):
        self.sisi = sisi
   def volume(self):
        return self.sisi **3
balok = Balok(2,3,4)
A = balok.volume()
print(A)
kubus = Kubus(4)
B = kubus.volume()
print(B)
```



