

LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023



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Soal

1. Buatlah 3 contoh dynamic atributes, dan 1 dynamic classes

dynamicatribute1.py

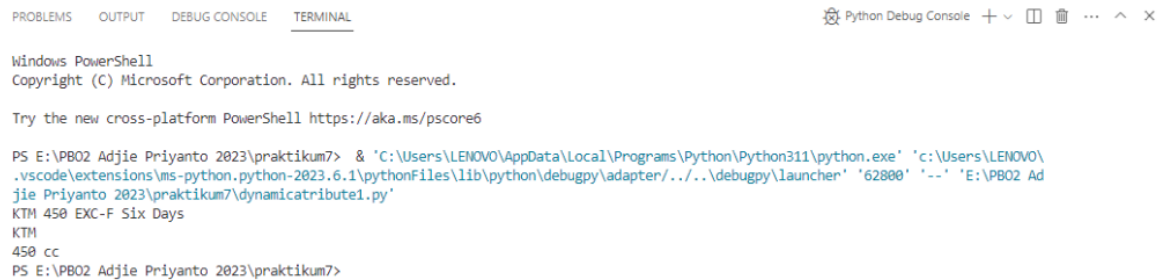
```
class motor:
    def __init__(self, jenis,merk):
        self.jenis = jenis
        self.merk =merk

m = motor("KTM 450 EXC-F Six Days", "KTM")

m.cc = "450 cc"

m.merk = "KTM"
print(m.jenis)
print(m.merk)
print(m.cc)
```

Hasil dynamicatribute1.py



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Python Debug Console + - [] [x] ... ^ X

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

```
PS E:\PB02 Adjie Priyanto 2023\praktikum7> & 'C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe' 'c:\Users\LENOVO\
.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '62800' '--' 'E:\PB02 Ad
jie Priyanto 2023\praktikum7\dynamicatribute1.py'
KTM 450 EXC-F Six Days
KTM
450 cc
PS E:\PB02 Adjie Priyanto 2023\praktikum7>
```

dynamicatribute2.py

```
class makanan:
    def __init__(self, nama,harga):
        self.nama = nama
        self.harga =harga
```

```
m = makanan("tape ketan", "50000")
```

```
m.khas = "cirebon"
```

```
m.harga = "50000"
```

```
print(m.nama)
```

```
print(m.harga)
```

```
print(m.khas)
```

Hasil dynamicatribute2.py



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Python Debug Console

```
ms\Python\Python311\python.exe 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter
/...debugpy\launcher' '62829' '--' 'E:\PB02 Adjie Priyanto 2023\praktikum7\dynamicatribute2.py'
tape ketan
50000
cirebon
PS E:\PB02 Adjie Priyanto 2023\praktikum7> e;; cd 'e:\PB02 Adjie Priyanto 2023\praktikum7'; & 'C:\Users\LENOVO\AppData\Local\Progra
ms\Python\Python311\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter
/...debugpy\launcher' '62837' '--' 'E:\PB02 Adjie Priyanto 2023\praktikum7\dynamicatribute2.py'
tape ketan
50000
cirebon
PS E:\PB02 Adjie Priyanto 2023\praktikum7>
```

dynamicatribute3.py

```
class tumbuhan:
    def __init__(self, nama,jenis):
        self.nama = nama
        self.jenis =jenis

t = tumbuhan("eceng gondok", "hidrofit")

t.habitat = "air"

t.jenis = "hidrofit"
print(t.nama)
print(t.jenis)
print(t.habitat)
```

Hasil dynamicatribute3.py



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL Python Debug Console

```
on311\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '63
098' '--' 'E:\PB02 Adjie Priyanto 2023\praktikum7\dynamicatribute3.py'
eceng gondok
hidrofit
air
PS E:\PB02 Adjie Priyanto 2023\praktikum7> e;; cd 'e:\PB02 Adjie Priyanto 2023\praktikum7'; & 'C:\Users\LENOVO\AppData\Local\Programs\Python\Pyth
on311\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '63
108' '--' 'E:\PB02 Adjie Priyanto 2023\praktikum7\dynamicatribute3.py'
eceng gondok
hidrofit
air
PS E:\PB02 Adjie Priyanto 2023\praktikum7>
```

dynamicclasses1.py

```
def custom_aksesoris(tipe_aksesoris):  
    class aksesoris:  
        def __init__(self, brand, warna):  
            self.tipe_aksesoris = tipe_aksesoris  
            self.brand = brand  
            self.warna = warna  
  
        def __repr__(self):  
            return f"{self.brand} {self.tipe_aksesoris} ({self.warna})"  
  
    return aksesoris
```

```
Hat = custom_aksesoris("Topi")  
Mug = custom_aksesoris("gelas")
```

```
Hat1 = Hat("Trucker hat", "hitam")  
Hat2 = Hat("Beanie", "silver")
```

```
Mug1 = Mug("sango", "biru")  
Mug2 = Mug("zen", "putih")
```

```
print(Hat1)  
print(Hat2)
```

```
print(Mug1)  
print(Mug2)
```

Hasil dynamicclasses1.py

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Python Debug Console + - [] ... ^ X

```
Trucker hat Topi (hitam)  
Beanie Topi (silver)  
sango gelas (biru)  
zen gelas (putih)  
PS E:\PB02 Adjie Priyanto 2023\praktikum7> e;; cd 'e:\PB02 Adjie Priyanto 2023\praktikum7'; & 'C:\Users\LENOVO\AppData\Local\Programs\Python\Python311\python.exe' 'c:\Users\LENOVO\.vscode\extensions\ms-python.python-2023.6.1\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '63408' '--' 'E:\PB02 Adjie Priyanto 2023\praktikum7\dynamicclasses1.py'  
Trucker hat Topi (hitam)  
Beanie Topi (silver)  
sango gelas (biru)  
zen gelas (putih)  
PS E:\PB02 Adjie Priyanto 2023\praktikum7>
```