

# LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

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

#### Dynamicatribute1.py

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

m = pesawat("Airbus", "A320")

m.varian = "A320neo"

m.merk = "Nissan"
print(m.jenis)
print(m.merk)
print(m.varian)
```

hasil :

```
PS E:\MPC\Semester 4\PRO\praktikum7> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "e:\MPC\Semester 4\PRO\praktikum7\dynamicatribute1.py"
Airbus
Nissan
A320neo
PS E:\MPC\Semester 4\PRO\praktikum7>
```

#### Dynamicatribute2.py

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

m = menu("gacoan", "10000")

m.variasi = "dimsum"

m.harga = "10000"
print(m.nama)
print(m.harga)
print(m.variasi)
```

hasil :

```
PS E:\MPC\Semester 4\PRO\praktikum7> & C:\Users\ACER\AppData\Local\Programs\Python\Python310\python.exe "e:\MPC\Semester 4\PRO\praktikum7\dynamicatribute2.py"
gacoan
10000
dimsum
PS E:\MPC\Semester 4\PRO\praktikum7>
```

#### Dynamicatribute3.py

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

h = hewan("harimau", "predator")

h.khas = "sumatra"
```

```

h.jenis = "mamalia"
print(h.nama)
print(h.jenis)
print(h.khas)

```

hasil :

```

PS E:\UNC\Semester 4\PBO\praktikum7> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "e:/UNC/Semester 4/PBO/p
raktikum7/dynamicatribute1.py"
harinau
mamalia
sumatra
PS E:\UNC\Semester 4\PBO\praktikum7>

```

### Dynamicclasses1

```

def custom_kendaraan(tipe_kendaraan):
    class kendaraan:
        def __init__(self, brand, warna):
            self.tipe_kendaraan = tipe_kendaraan
            self.brand = brand
            self.warna = warna

        def __repr__(self):
            return f"{self.brand} {self.tipe_kendaraan} ({self.warna})"

    return kendaraan

Bike = custom_kendaraan("Sepeda")
Motorcycle = custom_kendaraan("Motor")

bike1 = Bike("Exotic", "Biru")
bike2 = Bike("Pasific", "Hijau")

motorcycle1 = Motorcycle("Yamaha", "Biru")
motorcycle2 = Motorcycle("Honda", "Kuning")

print(bike1)
print(bike2)

print(motorcycle1)
print(motorcycle2)

```

hasil :

```

PS E:\UNC\Semester 4\PBO\praktikum7> & C:/Users/ACER/AppData/Local/Programs/Python/Python310/python.exe "e:/UNC/Semester 4/PBO/p
raktikum7/dynamicclasses1.py"
Exotic Sepeda (Biru)
Pasific Sepeda (Hijau)
Yamaha Motor (Biru)
Honda Motor (Kuning)
PS E:\UNC\Semester 4\PBO\praktikum7>

```