LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

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TI21K

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

dynamicatribute1.py

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

m = mobil("Fairlady", "Nissan")

m.cc = "2000 cc"

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

hasil

```
PS D:\mutasi\genap umc\pbolanjut\tugas7> &
C:/Users/User/AppData/Local/Programs/Python
/Python311/python.exe "d:/mutasi/genap umc/
pbolanjut/tugas7/praktikum7/dynamicatribute
1.py"
Fairlady
Nissan
2000 cc
PS D:\mutasi\genap umc\pbolanjut\tugas7>
```

dynamicatribute2.py

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

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

m.khas = "Jogja"

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

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

hasil

```
PS D:\mutasi\genap umc\pbolanjut\tugas7> &
C:/Users/User/AppData/Local/Programs/Python
/Python311/python.exe "d:/mutasi/genap umc/
pbolanjut/tugas7/praktikum7/dynamicatribute
2.py"
gudeg
10000
Jogja
PS D:\mutasi\genap umc\pbolanjut\tugas7>
```

dynamicatribute3.py

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

h = hewan("kucing", "mamalia")

h.ras = "angora"

h.jenis = "mamalia"
print(h.nama)
print(h.jenis)
print(h.ras)
```

hasil

```
PS D:\mutasi\genap umc\pbolanjut\tugas7> &
C:/Users/User/AppData/Local/Programs/Python
/Python311/python.exe "d:/mutasi/genap umc/
pbolanjut/tugas7/praktikum7/dynamicatribute
3.py"
kucing
mamalia
angora
PS D:\mutasi\genap umc\pbolanjut\tugas7>
```

dynamicclasses1.py

```python
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


Car = custom_kendaraan("Mobil")
Motorcycle = custom_kendaraan("Motor")


car1 = Car("Nissan", "Merah")
car2 = Car("Peugeot", "Biru")

motorcycle1 = Motorcycle("Honda", "Hijau")
motorcycle2 = Motorcycle("Kawasaki", "Orange")

print(car1)
print(car2)

print(motorcycle1)
print(motorcycle2)
```

hasil

```
PS D:\mutasi\genap umc\pbolanjut\tugas7> &
C:/Users/User/AppData/Local/Programs/Python
/Python311/python.exe "d:/mutasi/genap umc/
pbolanjut/tugas7/praktikum7/dynamicclasses1
.py"
Nissan Mobil (Merah)
Peugeot Mobil (Biru)
Honda Motor (Hijau)
Kawasaki Motor (Orange)
PS D:\mutasi\genap umc\pbolanjut\tugas7>
```