LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023

Prepared By:

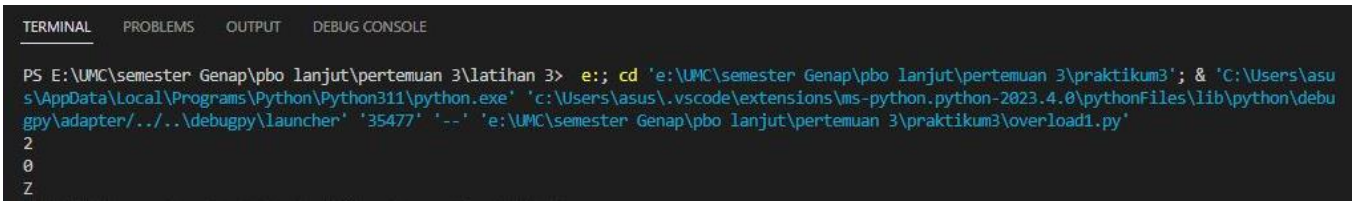
AWALIYAH HAYATUN
221511010
TI21K

Buatlah masing-masing 2 contoh polymorphism statis (overload) dan polymorphism dinamis (overriding). Beri nama overload1.py, overload2, overriding1.py, overriding2.py

overload1.py

```
print(min(100, 2, 5, 100, 3000, 50))
print(min([1, 2, 3, 4, 0]))
print(min("Zebra"))
```

Gambar 1. Output overload1.py

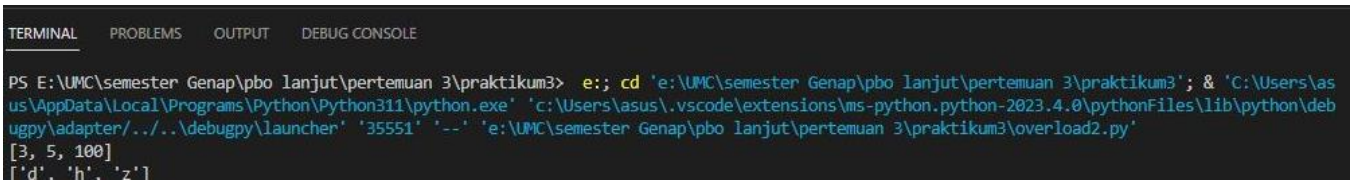


overload2.py

```
a = [100, 5, 3]
a.sort()
print(a)

b = ["z", "d", "h"]
b.sort()
print(b)
```

Gambar 2. Output overload2.py



Overriding1.py

```
class kendaraan:
    def move(self):
        print("kendaraan berjalan")

class mobil(kendaraan):
    def move(self):
        print("mobil berjalan")

class motor(kendaraan):
    def move(self):
        print("motor berjalan")

K = kendaraan()
M = mobil()
Mo = motor()
```

```
K.move()
M.move()
Mo.move()
```

Gambar 3. Output overriding1.py

Overriding2.py

```python
from abc import ABC, abstractmethod

class kendaraan(ABC):
    @abstractmethod
    def start(self):
        pass

class mobil(kendaraan):
    def start(self):
        print("mobil dinyalakan dengan cara di starter")

class motor(kendaraan):
    def start(self):
        print("motor dinyalakan dengan cara disela")

class traktor(kendaraan):
    def start(self):
        print("traktor dinyalakan dengan cara di starter")


M = mobil()
Mo = motor()
T = traktor()

M.start()
Mo.start()
T.start()
```

Gambar 4. Output overriding2.py