LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023

Prepared By:

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Kelas : TIF21B (R2)

Praktikum

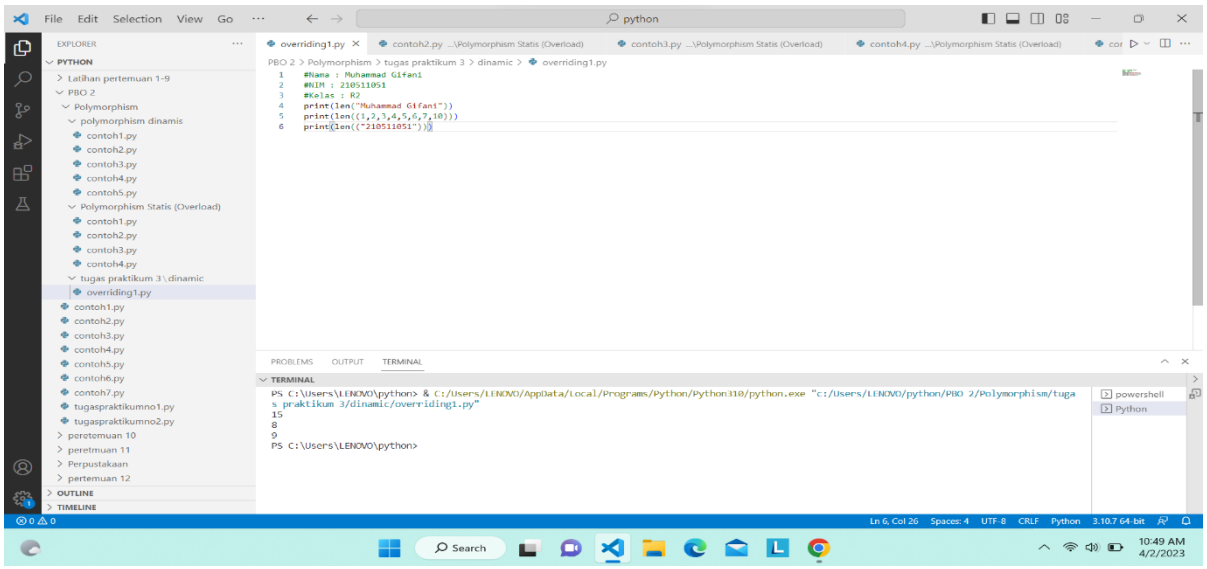
Buatlah masing-masing 2 contoh polymorphism statis (overload) dan polymorphism dinamis (overriding).

Beri nama overload1.py, overload2, overriding1.py, overriding2.py :

Overload 1

```
#Nama : Muhammad Gifani
#NIM : 210511051
#Kelas : R2
print(len("Muhammad Gifani"))
print(len((1,2,3,4,5,6,7,10)))
print(len(("210511051")))
```

Output



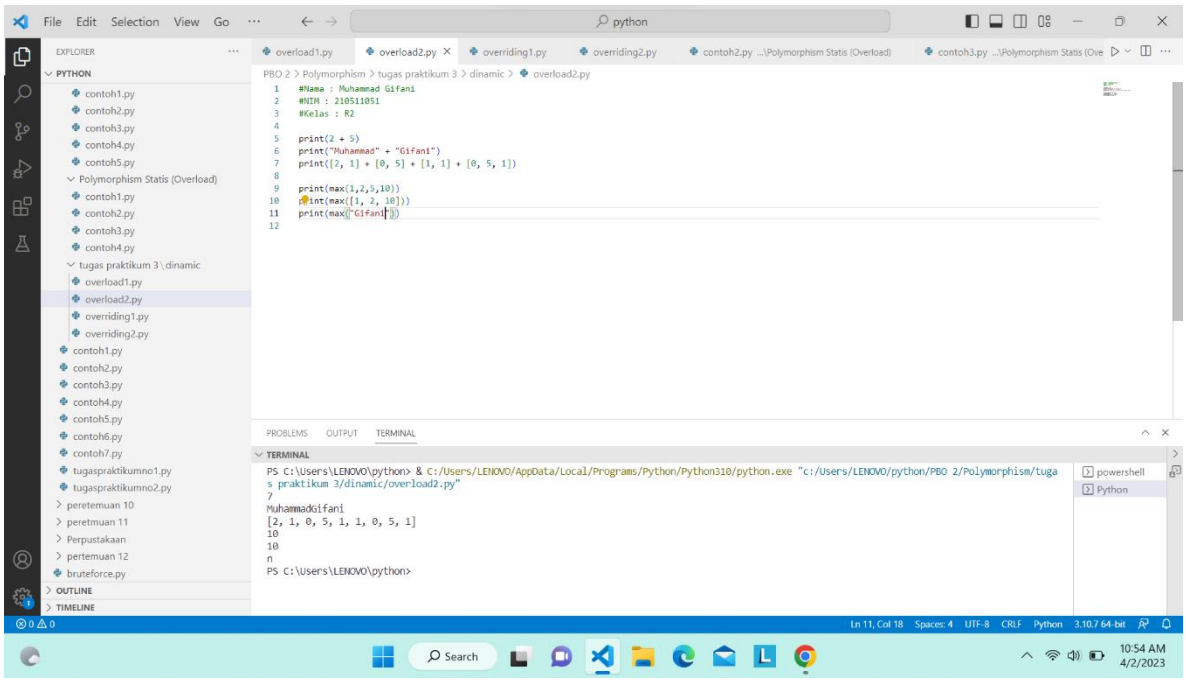
Overload 2

```
#Nama : Muhammad Gifani
#NIM : 210511051
#Kelas : R2

print(2 + 5)
print("Muhammad" + "Gifani")
print([2, 1] + [0, 5] + [1, 1] + [0, 5, 1])

print(max(1,2,5,10))
print(max([1, 2, 10]))
print(max("Gifani"))
```

Output

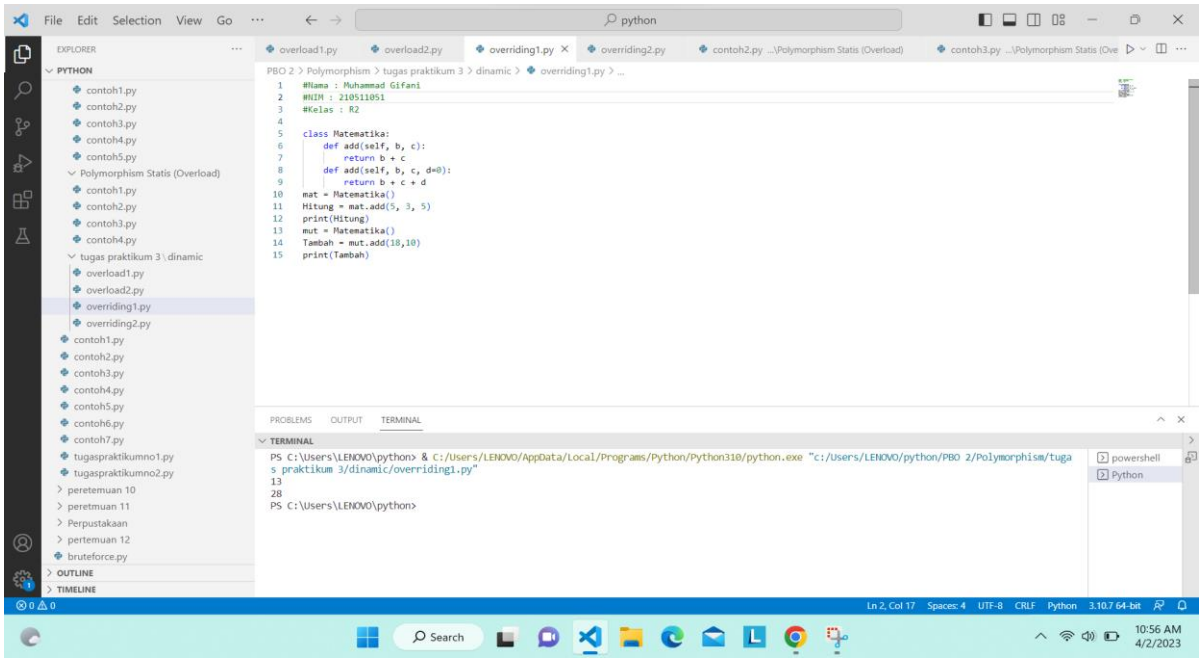


Overriding 1

```
#Nama : Muhammad Gifani
#NIM : 210511051
#Kelas : R2

class Matematika:
    def add(self, b, c):
        return b + c
    def add(self, b, c, d=0):
        return b + c + d
mat = Matematika()
Hitung = mat.add(5, 3, 5)
print(Hitung)
mut = Matematika()
Tambah = mut.add(18,10)
print(Tambah)
```

Output



Overriding 2

```
#Nama : Muhammad Gifani
#NIM : 210511051
#Kelas : R2


class Matematika:
    def add(self, b, c):
        return b * c
    def add(self, b, c, d=0):
        return b * c * d
mat = Matematika()
Hitung = mat.add(5, 3, 5)
print(Hitung)
mut = Matematika()
Kali = mut.add(18,2,3)
print(Kali)
```

Output