LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023

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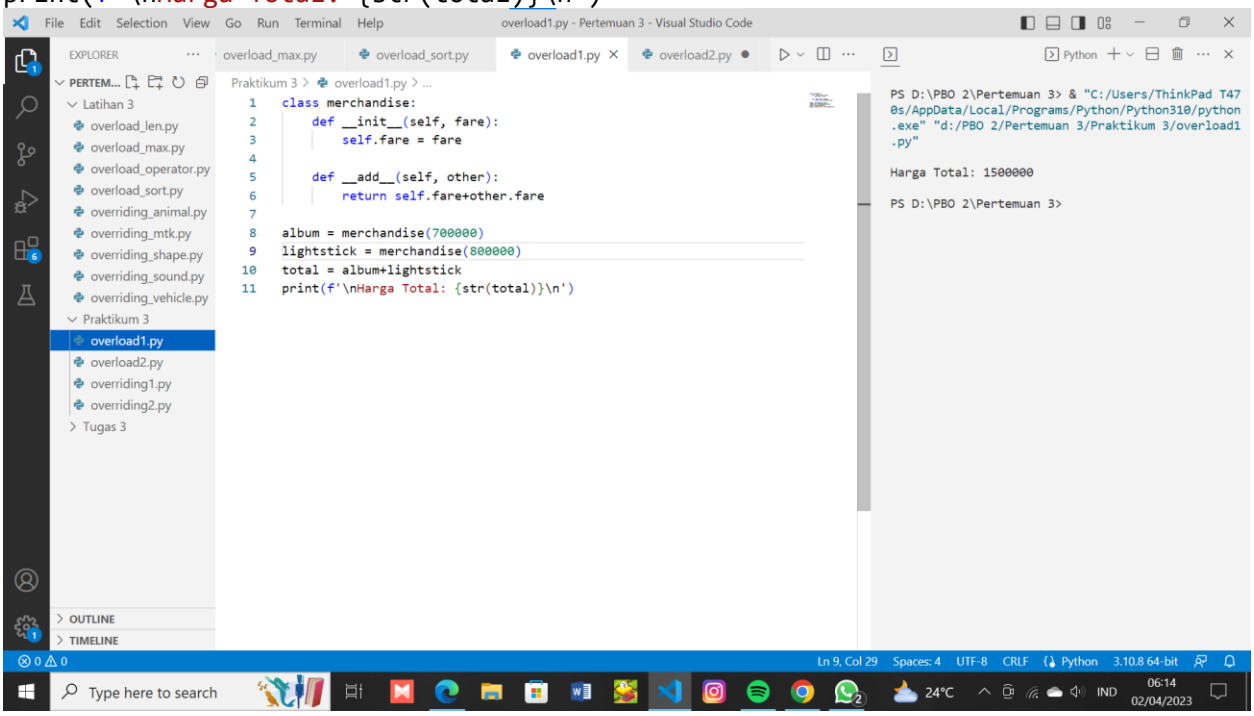
TI21B/R2

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

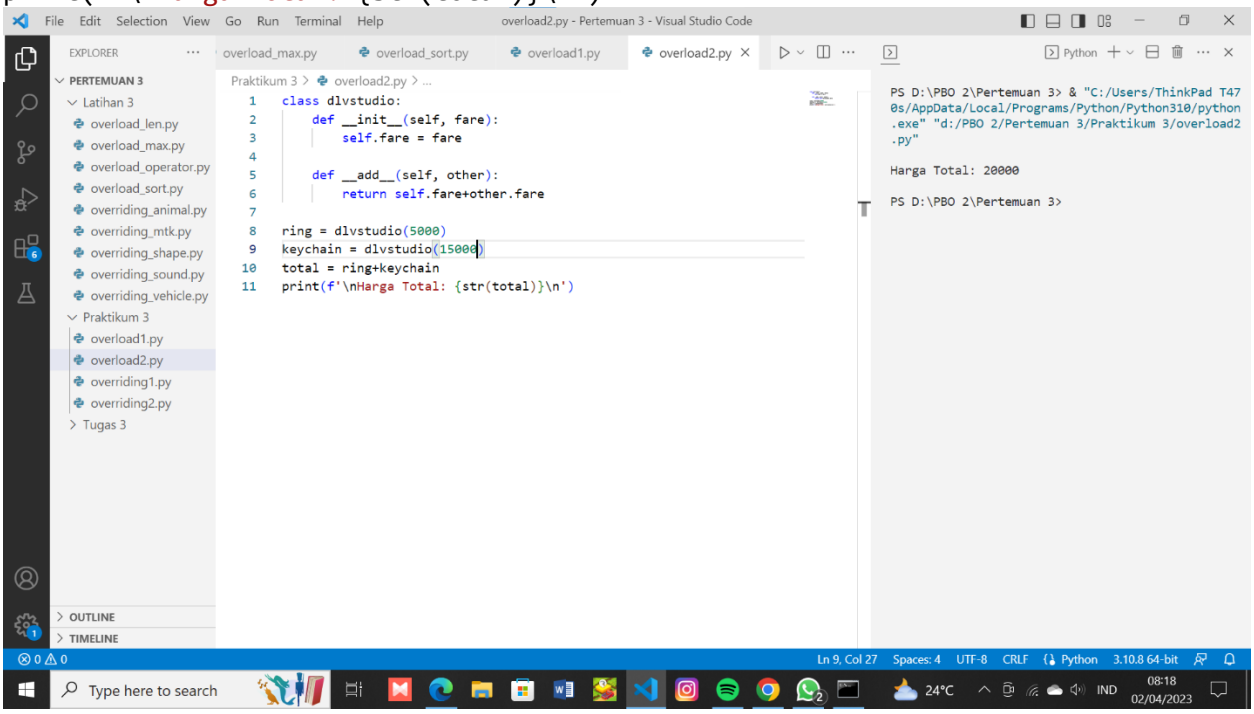
OVERLOAD 1

```
class merchandise:
    def __init__(self, fare):
        self.fare = fare

    def __add__(self, other):
        return self.fare+other.fare

album = merchandise(700000)
lightstick = merchandise(800000)
total = album+lightstick
print(f'\nHarga Total: {str(total)}\n')
```



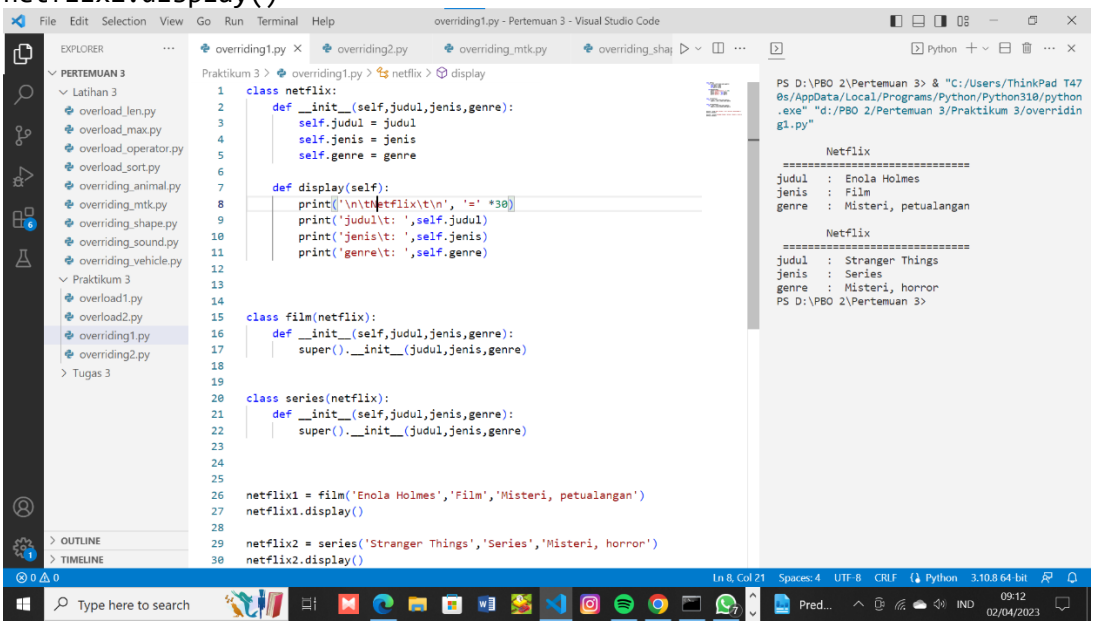
OVERLOAD 2

```
class dlvstudio:
    def __init__(self, fare):
        self.fare = fare

    def __add__(self, other):
        return self.fare+other.fare

ring = dlvstudio(5000)
keychain = dlvstudio(15000)
total = ring+keychain
print(f'\nHarga Total: {str(total)}\n')
```



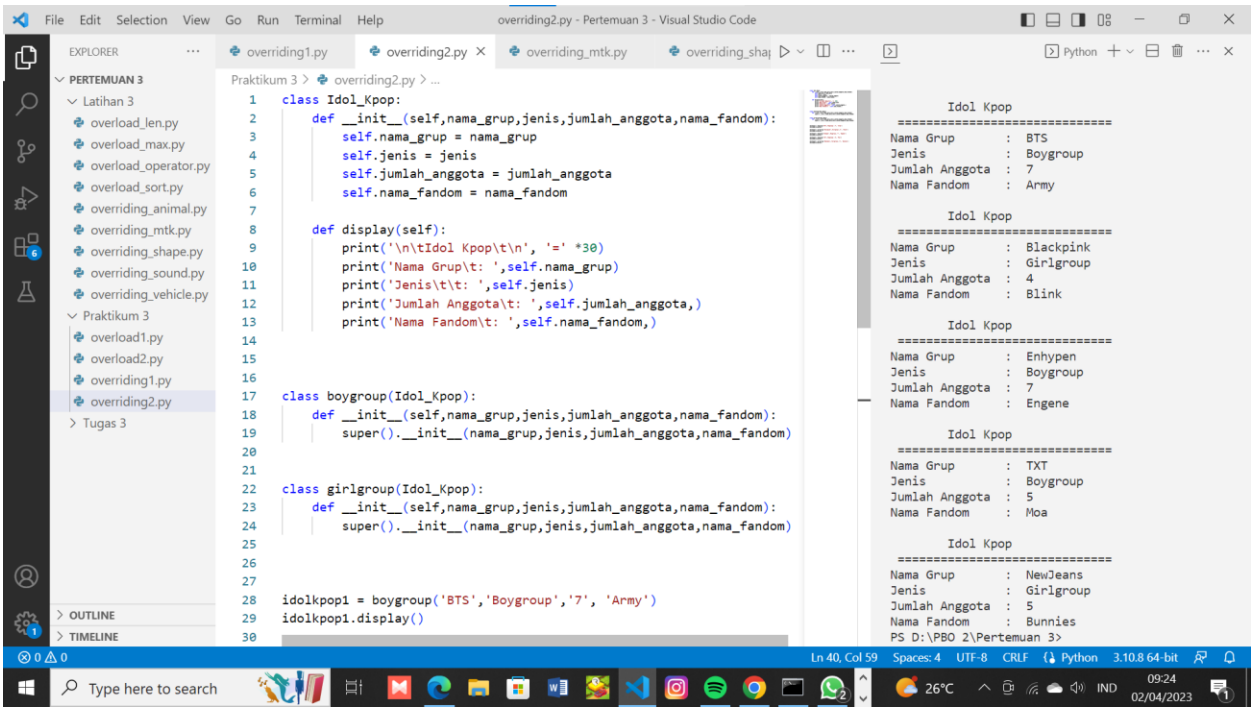
OVERRIDING 1

```
class netflix:
    def __init__(self,judul,jenis,genre):
        self.judul = judul
        self.jenis = jenis
        self.genre = genre

    def display(self):
        print('\n\tNetflix\t\n', '=' *30)
        print('judul\t: ',self.judul)
        print('jenis\t: ',self.jenis)
        print('genre\t: ',self.genre)


class film(netflix):
    def __init__(self,judul,jenis,genre):
        super().__init__(judul,jenis,genre)


class series(netflix):
    def __init__(self,judul,jenis,genre):
        super().__init__(judul,jenis,genre)

netflix1 = film('Enola Holmes','Film','Misteri, petualangan')
netflix1.display()

netflix2 = series('Stranger Things','Series','Misteri, horror')
netflix2.display()
```



OVERRIDING 2

```
class Idol_Kpop:
    def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
        self.nama_grup = nama_grup
        self.jenis = jenis
        self.jumlah_anggota = jumlah_anggota
        self.nama_fandom = nama_fandom

    def display(self):
        print('\n\tIdol Kpop\t\n', '=' *30)
        print('Nama Grup\t: ',self.nama_grup)
        print('Jenis\t\t: ',self.jenis)
        print('Jumlah Anggota\t: ',self.jumlah_anggota,)
        print('Nama Fandom\t: ',self.nama_fandom,)



class boygroup(Idol_Kpop):
    def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
        super().__init__(nama_grup,jenis,jumlah_anggota,nama_fandom)


class girlgroup(Idol_Kpop):
    def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
        super().__init__(nama_grup,jenis,jumlah_anggota,nama_fandom)



idolkpop1 = boygroup('BTS','Boygroup','7', 'Army')
idolkpop1.display()

idolkpop2 = girlgroup('Blackpink','Girlgroup','4', 'Blink')
idolkpop2.display()

idolkpop3 = boygroup('Enhypen','Boygroup','7', 'Engene')
idolkpop3.display()

idolkpop4 = boygroup('TXT','Boygroup','5', 'Moa')
idolkpop4.display()

idolkpop5 = girlgroup('NewJeans','Girlgroup','5', 'Bunnies')
idolkpop5.display()
```


File Edit Selection View Go Run Terminal Help
overriding2.py - Pertemuan 3 - Visual Studio Code
EXPLORER
PERTEMUAN 3
Latihan 3
overload_len.py
overload_max.py
overload_operator.py
overload_sort.py
overriding_animal.py
overriding_mtk.py
overriding_shape.py
overriding_sound.py
overriding_vehicle.py
Praktikum 3
overload1.py
overload2.py
overriding1.py
overriding2.py
Tugas 3
OUTLINE
TIMELINE
overriding1.py
overriding2.py
overriding_mtk.py
Praktikum 3 > overriding2.py > ...
class Idol_Kpop:
def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
self.nama_grup = nama_grup
self.jenis = jenis
self.jumlah_anggota = jumlah_anggota
self.nama_fandom = nama_fandom
def display(self):
print('\n\tIdol Kpop\t\n', '=' *30)
print('Nama Grup\t: ',self.nama_grup)
print('Jenis\t\t: ',self.jenis)
print('Jumlah Anggota\t: ',self.jumlah_anggota,)
print('Nama Fandom\t: ',self.nama_fandom,)
class boygroup(Idol_Kpop):
def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
super().__init__(nama_grup,jenis,jumlah_anggota,nama_fandom)
class girlgroup(Idol_Kpop):
def __init__(self,nama_grup,jenis,jumlah_anggota,nama_fandom):
super().__init__(nama_grup,jenis,jumlah_anggota,nama_fandom)
idolkpop1 = boygroup('BTS','Boygroup','7', 'Army')
idolkpop1.display()
Python
Idol Kpop
Nama Grup : BTS
Jenis : Boygroup
Jumlah Anggota : 7
Nama Fandom : Army
Idol Kpop
Nama Grup : Blackpink
Jenis : Girlgroup
Jumlah Anggota : 4
Nama Fandom : Blink
Idol Kpop
Nama Grup : Enhypen
Jenis : Boygroup
Jumlah Anggota : 7
Nama Fandom : Engene
Idol Kpop
Nama Grup : TXT
Jenis : Boygroup
Jumlah Anggota : 5
Nama Fandom : Moa
Idol Kpop
Nama Grup : NewJeans
Jenis : Girlgroup
Jumlah Anggota : 5
Nama Fandom : Bunnies
PS D:\PBO 2\Pertemuan 3>
Ln 40, Col 59 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit
Type here to search
26°C
IND
09:24
02/04/2023