

LAPORAN PRAKTIKUM

PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023



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Kelas : R3 / TI21C

Tugas-4 PBO2 2023

Composition1.py

Nama : Ali Mabror Mubarak

NIM : 210511112

Kelas : R3/TI21C

```
class Nama_Kota:
```

```
    def __init__(self, name):
```

```
        self.name = name
```

```
class Bahasa:
```

```
    def __init__(self, bahasa):
```

```
        self.bahasa = bahasa
```

```
class Negara:
```

```
    def __init__(self, nama_kota, bahasa):
```

```
        self.nama_kota = nama_kota
```

```
        self.bahasa = bahasa
```

```
nama_kota1 = Nama_Kota("Jogja")
```

```
nama_kota2 = Nama_Kota("Bandung")
```

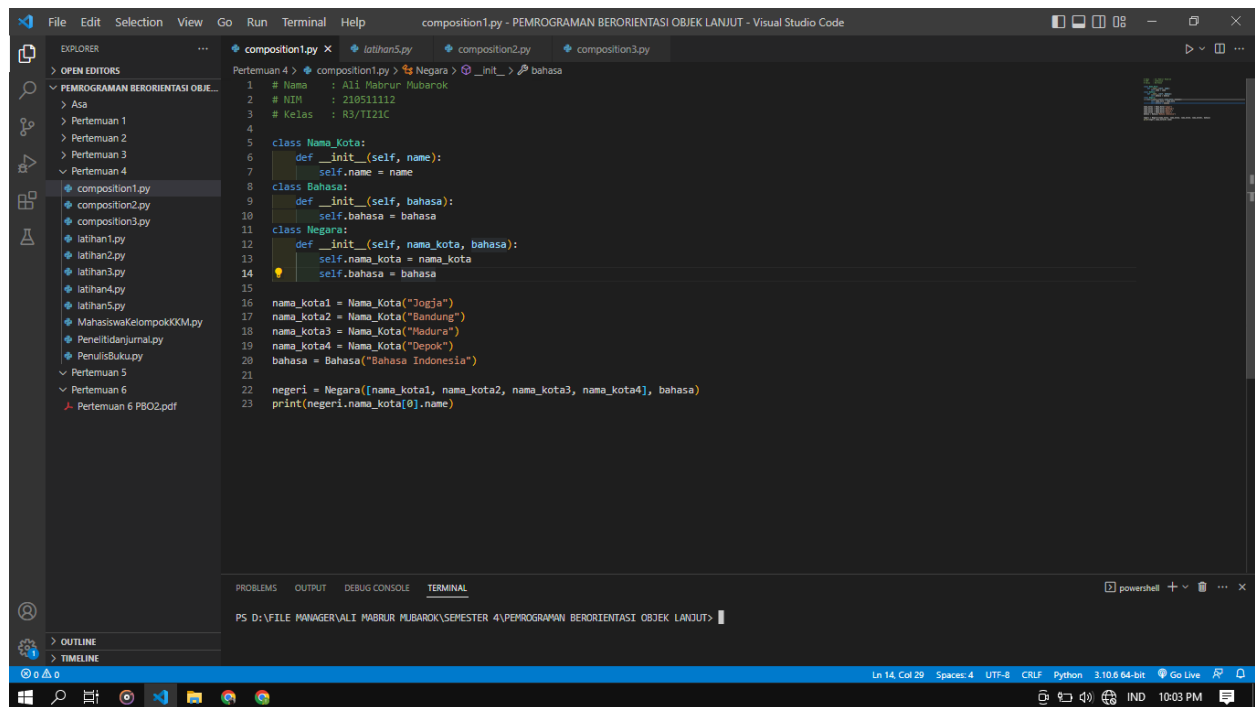
```
nama_kota3 = Nama_Kota("Madura")
```

```
nama_kota4 = Nama_Kota("Depok")
```

```
bahasa = Bahasa("Bahasa Indonesia")
```

```
negeri = Negara([nama_kota1, nama_kota2, nama_kota3, nama_kota4], bahasa)
```

```
print(negeri.nama_kota[0].name)
```



composition2.py

Nama : Ali Mabrur Mubarak

NIM : 210511112

Kelas : R3/TI21C

class Rumah:

```
def __init__(self, area):
    self.area = area
```

class Hotel:

```
def __init__(self, area):
    self.area = area
```

class Bangunan:

```
def __init__(self, rumah, hotel):
    self.rumah = rumah
```

```
self.hotel = hotel
```

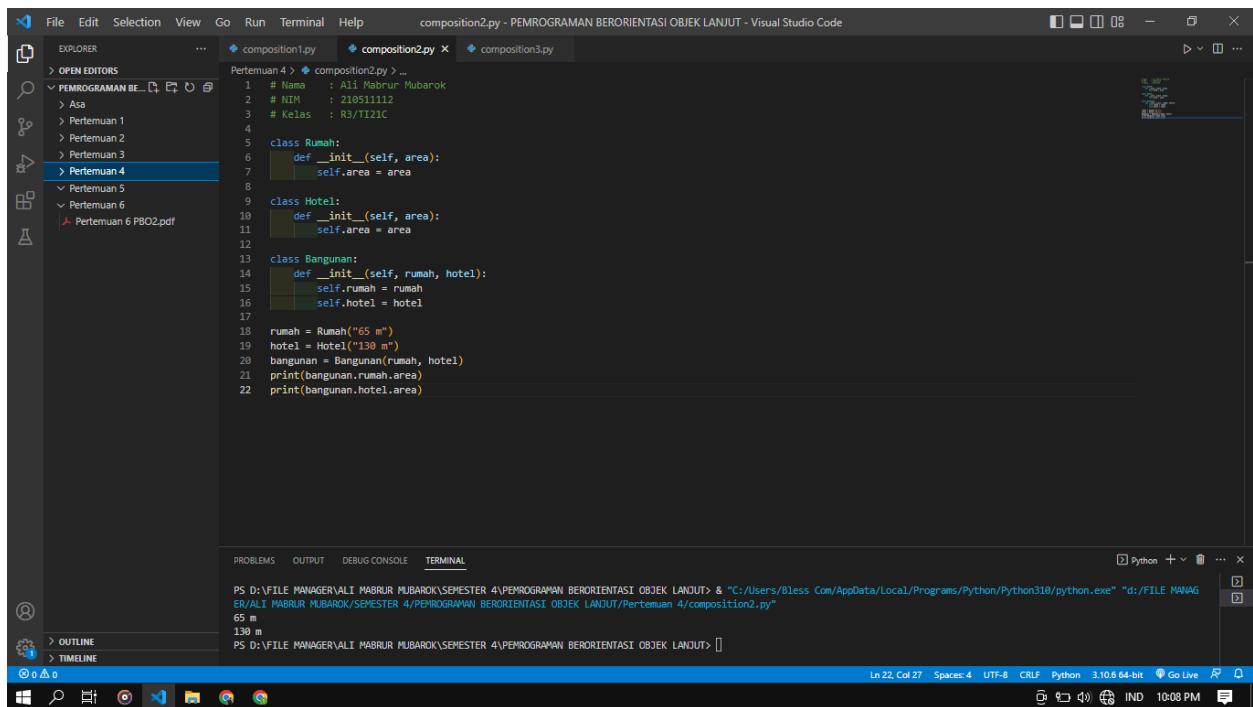
```
rumah = Rumah("65 m")
```

```
hotel = Hotel("130 m")
```

```
bangunan = Bangunan(rumah, hotel)
```

```
print(bangunan.rumah.area)
```

```
print(bangunan.hotel.area)
```



```
File Edit Selection View Go Run Terminal Help
composition2.py - PEMROGRAMAN BERORIENTASI OBJEK LANJUT - Visual Studio Code

EXPLORER
> OPEN EDITORS
PEMROGRAMAN BERORIENTASI OBJEK LANJUT
> Asa
> Pertemuan 1
> Pertemuan 2
> Pertemuan 3
> Pertemuan 4
> Pertemuan 5
> Pertemuan 6
  Pertemuan 6 PBO2.pdf

composition1.py composition2.py composition3.py

Pertemuan 4 > composition2.py > ...
1 # Nama : Ali Mabrur Mubarak
2 # NIM : 210511112
3 # Kelas : R3/TI21C
4
5 class Rumah:
6     def __init__(self, area):
7         self.area = area
8
9 class Hotel:
10     def __init__(self, area):
11         self.area = area
12
13 class Bangunan:
14     def __init__(self, rumah, hotel):
15         self.rumah = rumah
16         self.hotel = hotel
17
18 rumah = Rumah("65 m")
19 hotel = Hotel("130 m")
20 bangunan = Bangunan(rumah, hotel)
21 print(bangunan.rumah.area)
22 print(bangunan.hotel.area)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python + - ... x
PS D:\FILE MANAGER\ALI MABRUR MUBAROK\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK LANJUT> & "C:/Users/Bless Com/AppData/Local/Programs/Python/Python310/python.exe" "d:/FILE MANAG
ER/ALI MABRUR MUBAROK/SEMESTER 4/PEMROGRAMAN BERORIENTASI OBJEK LANJUT/Pertemuan 4/composition2.py"
65 m
130 m
PS D:\FILE MANAGER\ALI MABRUR MUBAROK\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK LANJUT>

Ln 22, Col 27 Spaces: 4 UTF-8 CRLF Python 3.10.5 64-bit Go Live
```

```
composition3.py
```

```
# Nama : Ali Mabrur Mubarak
```

```
# NIM : 210511112
```

```
# Kelas : R3/TI21C
```

```
class Bidan:
```

```
def __init__(self, name, department):
```

```
self.name = name
```

```
self.department = department
```

class Puskesmas:

```
def __init__(self, name, position):
```

```
    self.name = name
```

```
    self.position = position
```

```
def daftar_dokter(self):
```

```
    for position in self.position:
```

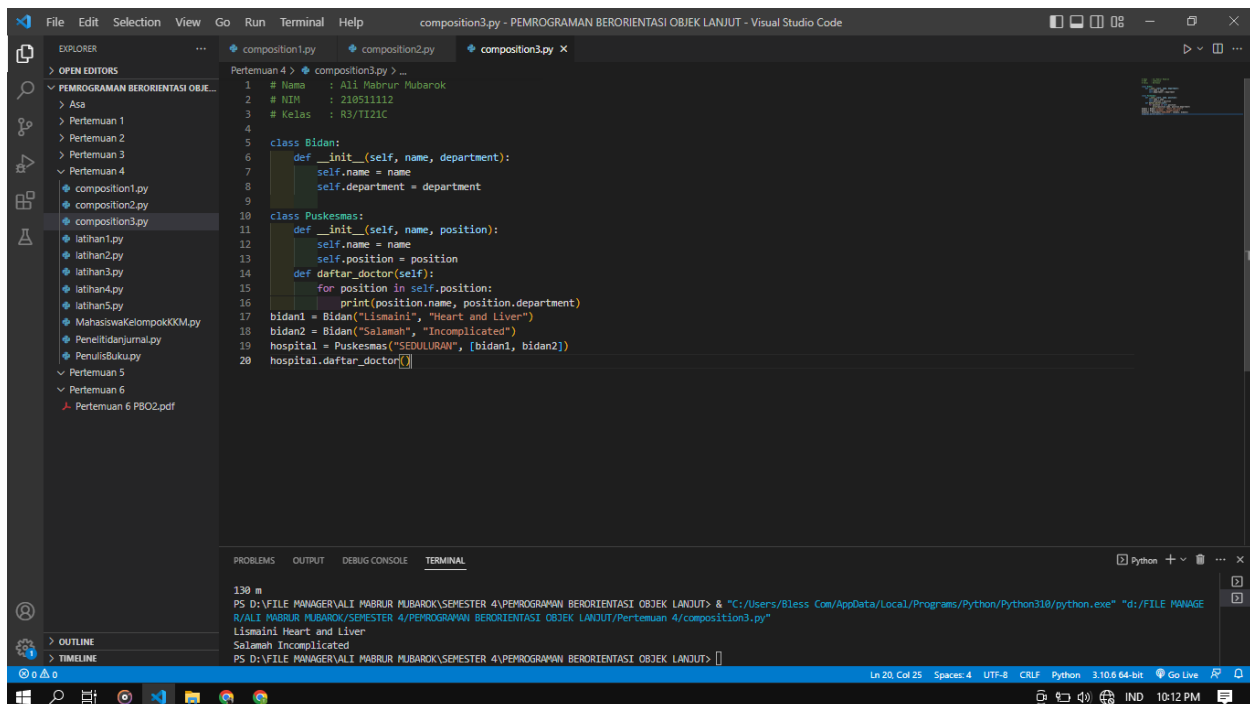
```
        print(position.name, position.department)
```

```
bidan1 = Bidan("Lismaini", "Heart and Liver")
```

```
bidan2 = Bidan("Salamah", "Incomplicated")
```

```
hospital = Puskesmas("SEDULURAN", [bidan1, bidan2])
```

```
hospital.daftar_dokter()
```



The screenshot shows the Visual Studio Code interface with a Python file named `composition3.py` open. The file contains the following code:

```
1 # Nama : Ali Mabrur Mubarak
2 # NIM : 210511112
3 # Kelas : R3/1121C
4
5 class Bidan:
6     def __init__(self, name, department):
7         self.name = name
8         self.department = department
9
10 class Puskesmas:
11     def __init__(self, name, position):
12         self.name = name
13         self.position = position
14     def daftar_dokter(self):
15         for position in self.position:
16             print(position.name, position.department)
17
18 bidan1 = Bidan("Lismaini", "Heart and Liver")
19 bidan2 = Bidan("Salamah", "Incomplicated")
20 hospital = Puskesmas("SEDULURAN", [bidan1, bidan2])
21 hospital.daftar_dokter()
```

The terminal output shows the execution of the script, displaying the names and departments of the two doctors:

```
PS D:\FILE MANAGER\VALI MABRUR MUBAROK\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK LANJUT> & "C:/Users/Bless Com/AppData/Local/Programs/Python/Python310/python.exe" "d:/FILE MANAGE
R/ALI MABRUR MUBAROK/SEMESTER 4/PEMROGRAMAN BERORIENTASI OBJEK LANJUT/Pertemuan 4/composition3.py"
Lismaini Heart and Liver
Salamah Incomplicated
PS D:\FILE MANAGER\VALI MABRUR MUBAROK\SEMESTER 4\PEMROGRAMAN BERORIENTASI OBJEK LANJUT>
```