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KELAS : TI21B/R2

PBO 2 Latihan 1 (contoh 1-7)

The image displays two screenshots of a Visual Studio Code editor window, showing Python code for a class-based program. The top screenshot shows the 'buku.py' file, and the bottom screenshot shows the 'celcius.py' file. Both files are part of a project named 'PBO 2'.

Top Screenshot (buku.py):

```
1 class Buku:
2     def __init__(self, judul, penulis):
3         self.judul = judul
4         self.penulis = penulis
5     def info(self):
6         print(f"Judul: {self.judul}\nPenulis: {self.penulis}")
7 bukuA = Buku("I Want To Die But I Want To Eat Tteokpokki", "Baek Se Hee")
8 bukuA.info()
9
```

Bottom Screenshot (celcius.py):

```
1 class Celcius:
2     @staticmethod
3     def to_fahrenheit(celsius):
4         return (celsius * 9/5) + 32
5     @staticmethod
6     def to_kelvin(celsius):
7         return celsius + 273.15
8     @staticmethod
9     def to_reamur(celsius):
10        return celsius * 4/5
11 mycelcius = 70
12 myfahrenheit = Celcius.to_fahrenheit(myclcius)
13 print(myfahrenheit)
```

The terminal output on the right of the top screenshot shows the execution of the 'bukuA.info()' method, displaying the title and author of the book.

```
PS D:\PBO 2> & "C:/Users/ThinkPad T470s/AppData/Local/Programs/Python/Python310/python.exe" "d:/PBO 2/Pertemuan 1/contoh 1-7/buku.py"
Judul: I Want To Die But I Want To Eat Tteokpokki
Penulis: Baek Se Hee
PS D:\PBO 2>
```

The terminal output on the right of the bottom screenshot shows the execution of the 'myfahrenheit' variable, displaying the result of the conversion.

```
PS D:\PBO 2> & "C:/Users/ThinkPad T470s/AppData/Local/Programs/Python/Python310/python.exe" "d:/PBO 2/Pertemuan 1/contoh 1-7/celcius.py"
158.0
PS D:\PBO 2>
```

File Edit Selection View Go Run Terminal Help kalkulator.py - PBO 2 - Visual Studio Code

EXPLORER

- PBO 2
 - Pertemuan 1
 - contoh 1-7
 - buku.py
 - celcius.py
 - kalkulator.py
 - lingkaran.py
 - mahasiswa.py
 - mobil.py
 - pesawatterbang.py
 - Latihan1 praktikum
 - TugasMinggu1

OUTLINE

TIMELINE

1 class Kalkulator:
2 @staticmethod
3 def add(x, y):
4 return x + y
5 @staticmethod
6 def subtract(x, y):
7 return x - y
8 @staticmethod
9 def multiply(x, y):
10 return x * y
11 @staticmethod
12 def divide(x, y):
13 if y == 0:
14 raise ValueError('Tidak dapat membagi dengan nol.')
15 return x / y
16
17 # Memanggil metode statis add() dan subtract() di dalam class Math
18 print(Kalkulator.add(3, 5)) # Output: 8
19 print(Kalkulator.subtract(10, 7)) # Output: 3
20
21 # Memanggil metode statis multiply() dan divide() di dalam class Math
22 print(Kalkulator.multiply(4, 6)) # Output: 24
23 print(Kalkulator.divide(12, 4)) # Output: 3.0

PS D:\PBO 2> & "C:/Users/Th
inkPad T470s/AppData/Local/
Programs/Python/Python310/p
ython.exe" "d:/PBO 2/Pertem
uan 1/contoh 1-7/kalkulator
.py"
8
3
24
3.0
PS D:\PBO 2>

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

File Edit Selection View Go Run Terminal Help lingkaran.py - PBO 2 - Visual Studio Code

EXPLORER

- PBO 2
 - Pertemuan 1
 - contoh 1-7
 - buku.py
 - celcius.py
 - kalkulator.py
 - lingkaran.py
 - mahasiswa.py
 - mobil.py
 - pesawatterbang.py
 - Latihan1 praktikum
 - TugasMinggu1

OUTLINE

TIMELINE

1 class Lingkaran:
2 def __init__(self, jari_jari):
3 self.jari_jari = jari_jari
4 def luas(self):
5 return 3.14 * (self.jari_jari ** 2)
6 lingkaranA = Lingkaran(5)
7 print(f"Luas lingkaran: {lingkaranA.luas()}")

PS D:\PBO 2> & "C:/Users/Th
inkPad T470s/AppData/Local/
Programs/Python/Python310/p
ython.exe" "d:/PBO 2/Pertem
uan 1/contoh 1-7/lingkaran.
.py"
Luas lingkaran: 78.5
PS D:\PBO 2>

Ln 6, Col 25 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

File Edit Selection View Go Run Terminal Help mahasiswa.py - PBO 2 - Visual Studio Code

EXPLORER

- PBO 2
 - Pertemuan 1
 - contoh 1-7
 - buku.py
 - celcius.py
 - kalkulator.py
 - lingkaran.py
 - mahasiswa.py**
 - mobil.py
 - pesawatterbang.py
 - Latihan1 praktikum
 - TugasMinggu1

OUTLINE

TIMELINE

Pertemuan 1 > contoh 1-7 > mahasiswa.py > ...

```
1 class Mahasiswa:
2     def __init__(self, nama, nim):
3         self.nama = nama
4         self.nim = nim
5     def info(self):
6         print(f>Nama: {self.nama}\nNIM: {self.nim}")
7 mahasiswaB = Mahasiswa("Dewi Alvi Nurfadilah", "210511085")
8 mahasiswaB.info()
```

PS D:\PBO 2> & "C:/Users/Th
inkPad T470s/AppData/Local/
Programs/Python/Python310/p
ython.exe" "d:/PBO 2/Pertem
uan 1/contoh 1-7/mahasiswa.
py"
Nama: Dewi Alvi Nurfadilah
NIM: 210511085
PS D:\PBO 2>

Ln 8, Col 18 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

File Edit Selection View Go Run Terminal Help mobil.py - PBO 2 - Visual Studio Code

EXPLORER

- PBO 2
 - Pertemuan 1
 - contoh 1-7
 - buku.py
 - celcius.py
 - kalkulator.py
 - lingkaran.py
 - mahasiswa.py
 - mobil.py**
 - pesawatterbang.py
 - Latihan1 praktikum
 - TugasMinggu1

OUTLINE

TIMELINE

Pertemuan 1 > contoh 1-7 > mobil.py > ...

```
1 class Mobil:
2     def __init__(self, merk, warna):
3         self.merk = merk
4         self.warna = warna
5     def info(self):
6         print(f">Mobil {self.merk} berwarna {self.warna}")
7 mobilA = Mobil("Hyundai", "Hitam")
8 mobilA.info() # Output: >Mobil Hyundai berwarna Hitam
```

PS D:\PBO 2> & "C:/Users/Th
inkPad T470s/AppData/Local/
Programs/Python/Python310/p
ython.exe" "d:/PBO 2/Pertem
uan 1/contoh 1-7/mobil.py"
>Mobil Hyundai berwarna Hita
m
PS D:\PBO 2>

Ln 8, Col 38 Spaces: 4 UTF-8 CRLF Python 3.10.8 64-bit

