



PEMROGRAMAN BERORIENTASI OBJEK LANJUT

2023



Prepared By:

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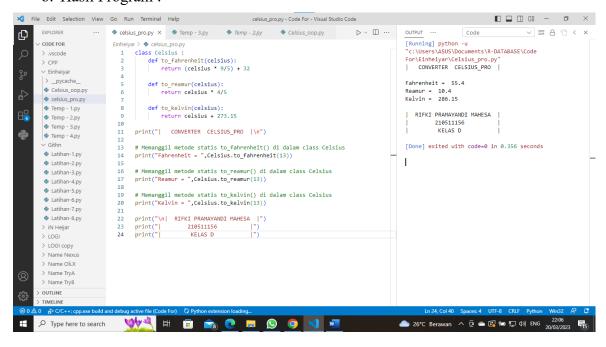
Dosen Matakuliah: Freddy Wicaksono M.Kom

Soal Praktikum:

Buatlah Class yang mengimplementasikan Prosedural, beri nama: celcius_pro.py
 Sintaks:

```
class Celsius :
    def to_fahrenheit(celsius):
        return (celsius *9/5) + 32
   def to_reamur(celsius):
        return celsius * 4/5
   def to kelvin(celsius):
        return celsius + 273.15
print("|
          CONVERTER CELSIUS PRO \n")
# Memanggil metode statis to_fahrenheit() di dalam class Celsius
print("Fahrenheit = ",Celsius.to fahrenheit(13))
# Memanggil metode statis to_reamur() di dalam class Celsius
print("Reamur = ",Celsius.to reamur(13))
# Memanggil metode statis to_kelvin() di dalam class Celsius
print("Kelvin = ",Celsius.to_kelvin(13))
print("\n| RIFKI PRAMAYANDI MAHESA |")
print("|
                                   |")
               210511156
                                   |")
print("|
               KELAS D
```

b. Hasil Program:



2. Buatlah Class yang mengimplementasikan Object Oriented Programming, beri nama: celcius oop.py

a. Sintaks:

```
class Celsius:
   def __init__(self, temperature):
        self.temperature = temperature
    def to_fahrenheit(self):
       return (self.temperature * 9/5) + 32
   def to_kelvin(self):
       return self.temperature + 273
   def to_reamur(self):
       return self.temperature * 4/5
# membuat objek Celsius dengan nilai 14 derajat Celsius
C = Celsius(3)
print("| CONVERTER CELSIUS_OOP |")
# konversi suhu Celsius ke Fahrenheit
f = C.to_fahrenheit()
print("\nFahrenheit = ",f)
# konversi suhu Celsius ke Kelvin
k = C.to_kelvin()
print("Kelvin = ",k)
# konversi suhu Celsius ke Reamur
r = C.to_reamur()
print("Reamur = ",r)
print("\n| RIFKI PRAMAYANDI MAHESA |")
                                  |")
print("|
              210511156
                                  |")
print("|
             KELAS D
```

b. Hasil Program:

