

Nama : Awaliyah Hayatun

NIM : 221511010

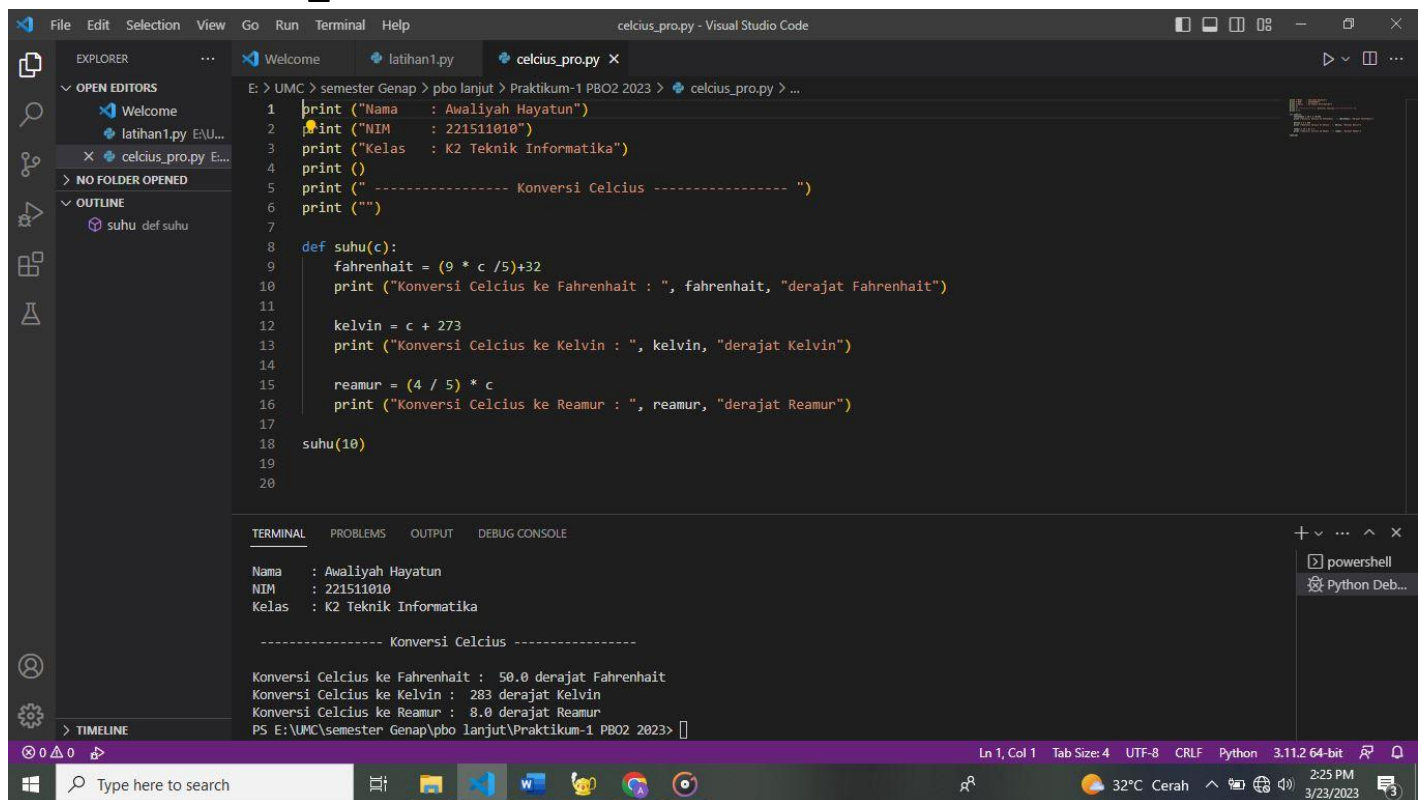
Kelas : K2

Mata Kuliah : Pemrograman Berorientasi Objek Lanjut

Link Praktikum-1 PBO2 2023 :

https://github.com/awaliyahhayatun/pemrograman_berorientasi_objek/tree/main/Praktikum-1%20PBO2%202023

1. Celcius_Pro



The screenshot shows the Visual Studio Code editor with the file 'celcius_pro.py' open. The code defines a function 'suhu(c)' that converts Celsius to Fahrenheit, Kelvin, and Reamur. The terminal output shows the results of calling 'suhu(10)'.

```
1 print ("Nama : Awaliyah Hayatun")
2 print ("NIM : 221511010")
3 print ("Kelas : K2 Teknik Informatika")
4 print ()
5 print (" ----- Konversi Celcius ----- ")
6 print ("")
7
8 def suhu(c):
9     fahrenheit = (9 * c / 5)+32
10    print ("Konversi Celcius ke Fahrenheit : ", fahrenheit, "derajat Fahrenheit")
11
12    kelvin = c + 273
13    print ("Konversi Celcius ke Kelvin : ", kelvin, "derajat Kelvin")
14
15    reamur = (4 / 5) * c
16    print ("Konversi Celcius ke Reamur : ", reamur, "derajat Reamur")
17
18    suhu(10)
19
20
```

Terminal Output:

```
Nama : Awaliyah Hayatun
NIM : 221511010
Kelas : K2 Teknik Informatika

----- Konversi Celcius -----

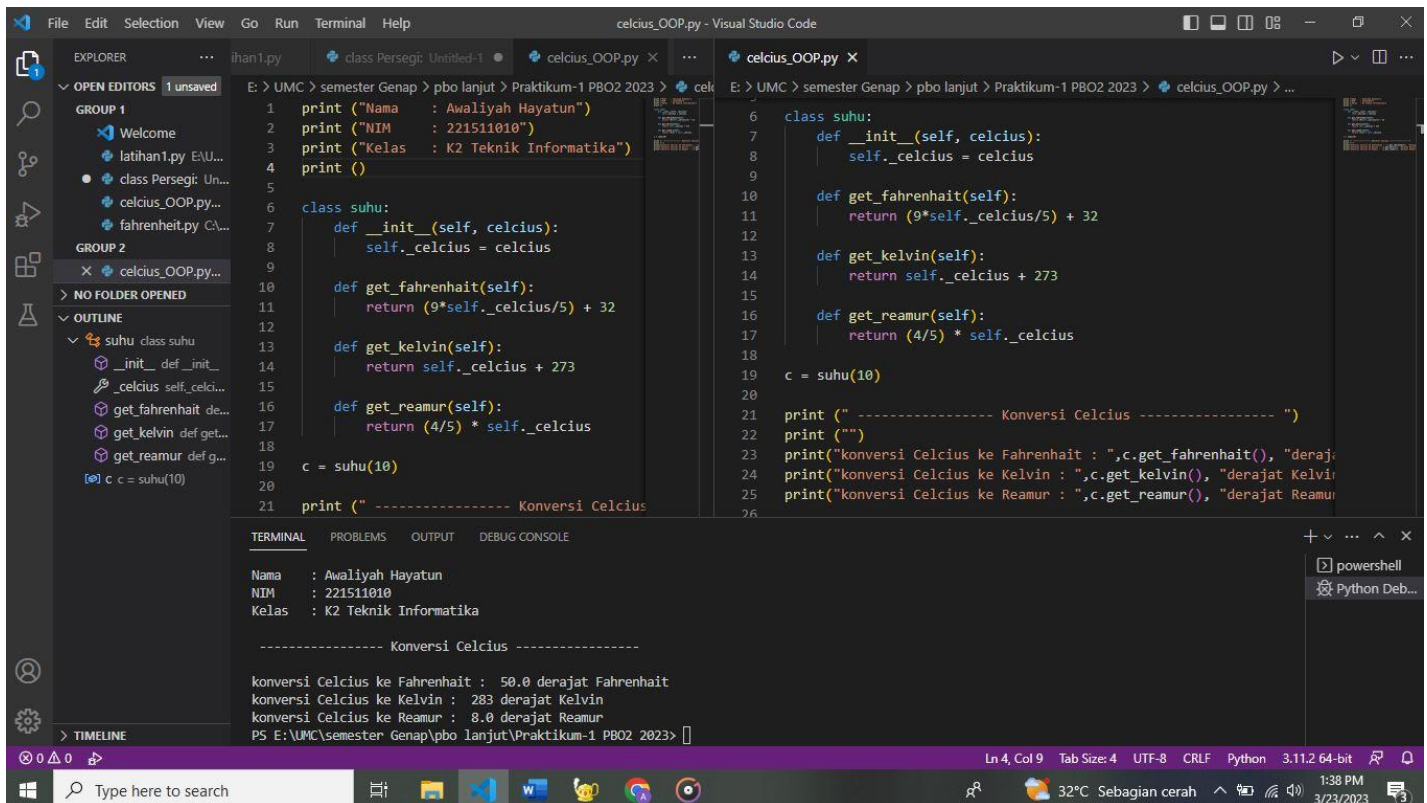
Konversi Celcius ke Fahrenheit : 50.0 derajat Fahrenheit
Konversi Celcius ke Kelvin : 283 derajat Kelvin
Konversi Celcius ke Reamur : 8.0 derajat Reamur
PS E:\UMC\semester Genap\pbo lanjut\Praktikum-1 PBO2 2023>
```

Script :

```
print ("Nama : Awaliyah Hayatun")
print ("NIM : 221511010")
print ("Kelas : K2 Teknik Informatika")
print ()
print (" ----- Konversi Celcius ----- ")
print ("")
```

```
def suhu(c):  
    fahrenheit = (9 * c / 5) + 32  
    print ("Konversi Celcius ke Fahrenheit : ", fahrenheit, "derajat Fahrenheit")  
  
    kelvin = c + 273  
    print ("Konversi Celcius ke Kelvin : ", kelvin, "derajat Kelvin")  
  
    reamur = (4 / 5) * c  
    print ("Konversi Celcius ke Reamur : ", reamur, "derajat Reamur")  
  
suhu(10)
```

2. Celcius_OOP



Script :

```
print ("Nama      : Awaliyah Hayatun")
print ("NIM       : 221511010")
print ("Kelas    : K2 Teknik Informatika")
print ()

class suhu:
    def __init__(self, celcius):
        self._celcius = celcius

    def get_fahrenheit(self):
        return (9*self._celcius/5) + 32

    def get_kelvin(self):
        return self._celcius + 273

    def get_reamur(self):
        return (4/5) * self._celcius
```

```
c = suhu(10)

print (" ----- Konversi Celcius ----- ")
print ("")
print("konversi Celcius ke Fahrenheit : ",c.get_fahrenheit(), "derajat Fahrenheit")
print("konversi Celcius ke Kelvin : ",c.get_kelvin(), "derajat Kelvin")
print("konversi Celcius ke Reamur : ",c.get_reamur(), "derajat Reamur")
```