

Nama : Agung Sihab Malawi

Nim : 210511047

Kelas : R1

PBO2 Latihan 1

Script

```
#Nama :Agung Sihab Malawi
#Kelas:R1
#NIM :210511047

print("Latihan 1")
print("="*50)
print(" ")

class Celcius:
    @staticmethod
    def to_fahrenheit(celsius):
        return (celsius * 9/5) + 32

    @staticmethod
    def to_kelvin(celsius):
        return celsius + 273.15

    @staticmethod
    def to_reamur(celsius):
        return celsius * 4/5

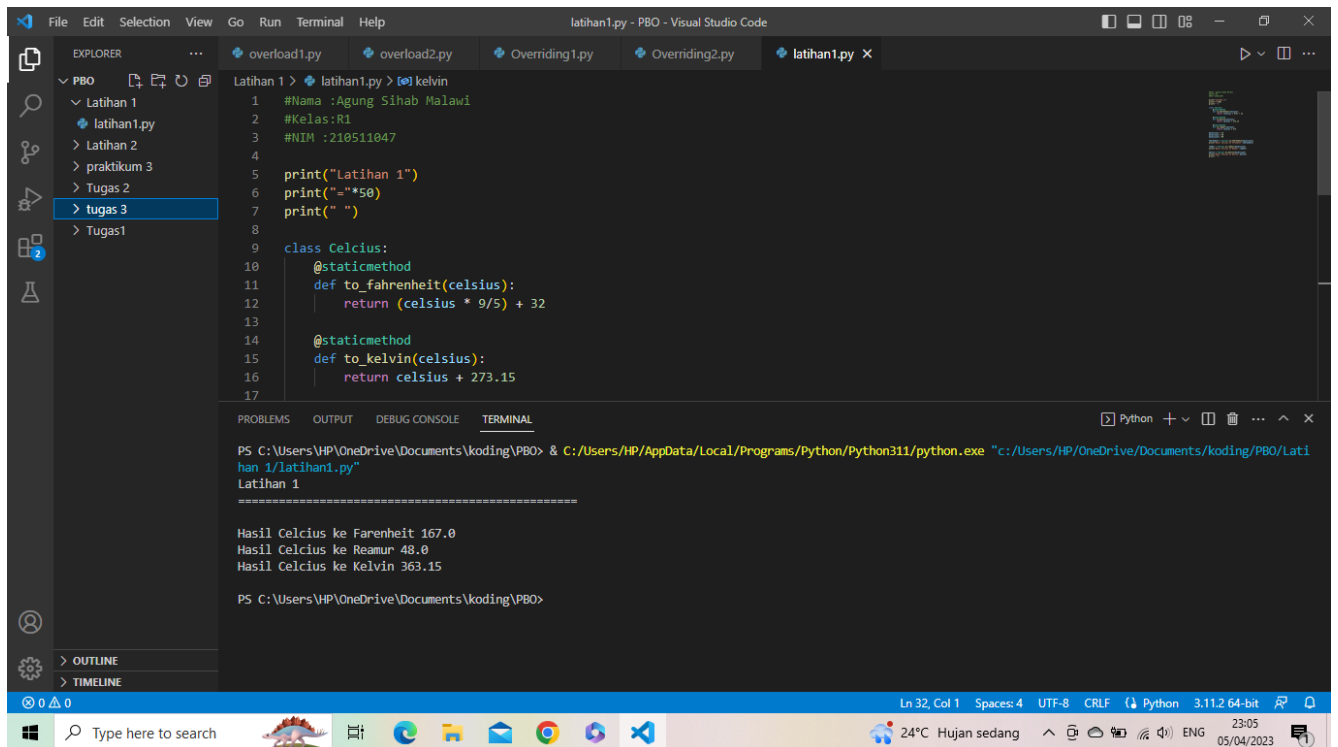
mycelcius1 = 75
mycelcius2 = 60
mycelcius3 = 90

fahrenheit = Celcius.to_fahrenheit(myclcius1)
print("Hasil Celcius ke Farenheit",fahrenheit)

reamur = Celcius.to_reamur(myclcius2)
print("Hasil Celcius ke Reamur",reamur)

kelvin = Celcius.to_kelvin(myclcius3)
print("Hasil Celcius ke Kelvin",kelvin)
print(" ")
```

Hasil Running Program



The screenshot displays the Visual Studio Code interface with a Python file named `latihan1.py` open. The file contains a class `Celcius` with two static methods: `to_fahrenheit` and `to_kelvin`. The `to_fahrenheit` method calculates the Fahrenheit temperature from Celsius, and the `to_kelvin` method calculates the Kelvin temperature from Celsius. The program also includes some print statements for testing.

```
1 #Nama :Agung Sihab Malawi
2 #Kelas:R1
3 #NIM :210511047
4
5 print("Latihan 1")
6 print("="*50)
7 print(" ")
8
9 class Celcius:
10     @staticmethod
11     def to_fahrenheit(celsius):
12         return (celsius * 9/5) + 32
13
14     @staticmethod
15     def to_kelvin(celsius):
16         return celsius + 273.15
17
```

The terminal output shows the execution of the program, displaying the results of the calculations:

```
PS C:\Users\HP\OneDrive\Documents\koding\PBO> & C:/Users/HP/AppData/Local/Programs/Python/Python311/python.exe "c:/Users/HP/OneDrive/Documents/koding/PBO/Latihan 1/latihan1.py"
Latihan 1
=====
Hasil Celcius ke Farenheit 167.0
Hasil Celcius ke Reamur 48.0
Hasil Celcius ke Kelvin 363.15
PS C:\Users\HP\OneDrive\Documents\koding\PBO>
```

The status bar at the bottom indicates the file is at line 32, column 1, using UTF-8 encoding with CRLF line endings. The Python version is 3.11.2 64-bit. The system tray shows the date and time as 05/04/2023, 23:05.