

Nama : Rifki Fadilah

Kelas : R1

NIM : 210511011

Tugas Latihan 1 PBO2

Script

```
#Nama :Rifki Fadilah
#Kelas:R1
#NIM :210511011

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

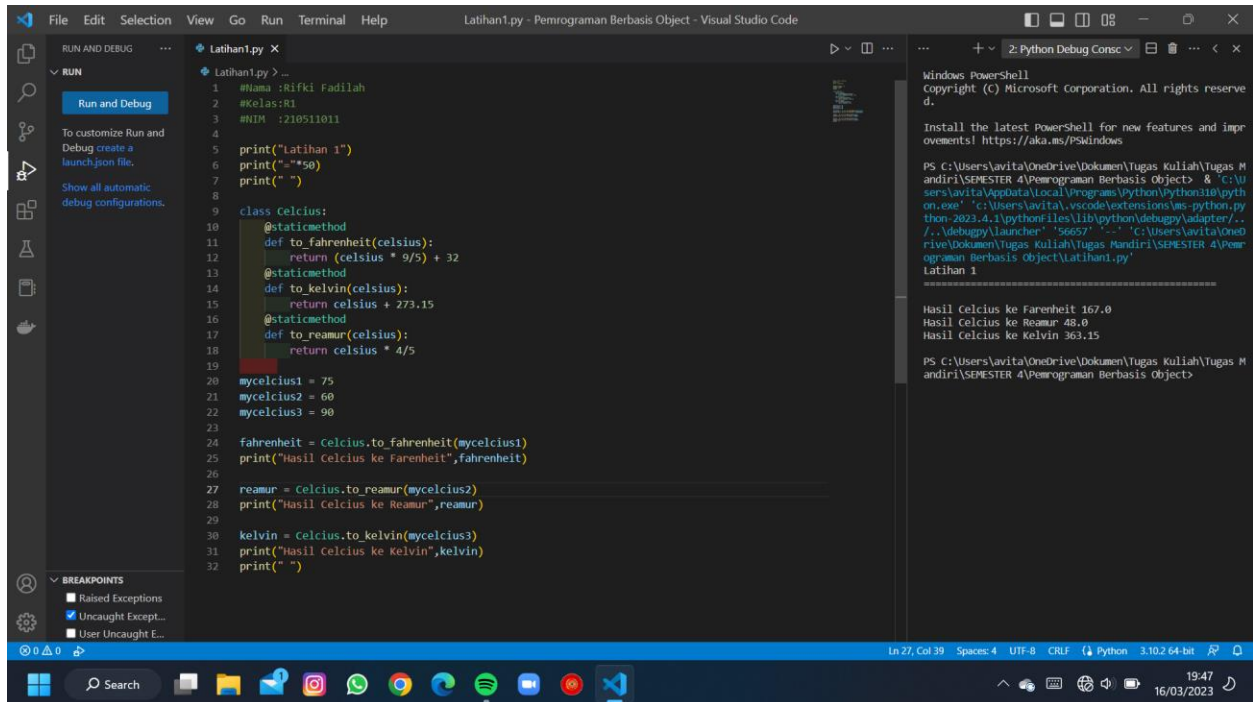
mycelcius1 = 75
mycelcius2 = 60
mycelcius3 = 90

fahrenheit = Celcius.to_fahrenheit(mycelcius1)
print("Hasil Celcius ke Farenheit",fahrenheit)

reamur = Celcius.to_reamur(mycelcius2)
print("Hasil Celcius ke Reamur",reamur)

kelvin = Celcius.to_kelvin(mycelcius3)
print("Hasil Celcius ke Kelvin",kelvin)
print(" ")
```

Hasil Running



The screenshot displays the Visual Studio Code interface with a Python file named `Latihan1.py` open. The code defines a `Celcius` class with three static methods: `to_fahrenheit`, `to_kelvin`, and `to_reamur`. It then creates three instances of the class (`mycelcius1`, `mycelcius2`, and `mycelcius3`) and prints the results of their conversions.

```
1 #Nama :Rifki Fadilah
2 #Kelas:R1
3 #NIM :210511011
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     @staticmethod
14     def to_kelvin(celsius):
15         return celsius + 273.15
16     @staticmethod
17     def to_reamur(celsius):
18         return celsius * 4/5
19
20 mycelcius1 = 75
21 mycelcius2 = 60
22 mycelcius3 = 90
23
24 fahrenheit = Celcius.to_fahrenheit(mycelcius1)
25 print("Hasil Celcius ke Farenheit",fahrenheit)
26
27 reamur = Celcius.to_reamur(mycelcius2)
28 print("Hasil Celcius ke Reamur",reamur)
29
30 kelvin = Celcius.to_kelvin(mycelcius3)
31 print("Hasil Celcius ke Kelvin",kelvin)
32 print(" ")
```

The output of the program is displayed in the Python Debug Console:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\avita\OneDrive\Documents\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Pemrograman Berbasis Object> & 'C:\Users\avita\AppData\Local\Programs\Python\Python310\python.exe' 'C:\Users\avita\vscode\extensions\ms-python.python-2023.4.1\pythonFiles/lib/python/debugpy/adapter/./../debugpy/launcher' '56657' '-c' 'C:\Users\avita\OneDrive\Documents\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Pemrograman Berbasis Object\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\avita\OneDrive\Documents\Tugas Kuliah\Tugas Mandiri\SEMESTER 4\Pemrograman Berbasis Object>
```

The status bar at the bottom indicates the file is at line 27, column 39, with 4 spaces, UTF-8 encoding, CRLF line endings, and Python 3.10.2 64-bit.