

Nama : Purwoto

NIM : 210511014

Kelas : R1

```
print("Tugas Minggu 1")
print("=" * 50)
print(" ")
```

```
class SuhuCelcius:
    def __init__(self, celcius):
        self.celcius = celcius

    def fahrenheit(self):
        return (self.celcius * 9 / 5) + 32

    def reamur(self):
        return self.celcius * 4 / 5

    def kelvin(self):
        return self.celcius + 273.15

class SuhuFahrenheit:
    def __init__(self, fahrenheit):
        self.fahrenheit = fahrenheit

    def celcius(self):
        return 5 / 9 * (self.fahrenheit - 32)

    def kelvin(self):
        return 5 / 9 * (self.fahrenheit - 32) + 273

    def reamur(self):
        return 4 / 9 * (self.fahrenheit - 32)

class SuhuReamur:
    def __init__(self, reamur):
        self.reamur = reamur

    def celcius(self):
        return 5 / 4 * self.reamur
```

```

def fahrenheit(self):
    return (9 / 4 * self.reamur) + 32

def kelvin(self):
    return (5 / 4 * self.reamur) + 273

class SuhuKelvin:
    def __init__(self, kelvin):
        self.kelvin = kelvin

    def celcius(self):
        return self.kelvin - 273

    def fahrenheit(self):
        return 9 / 5 * (self.kelvin - 273) + 32

    def reamur(self):
        return 4 / 5 * (self.kelvin - 273)

# =====
print("Suhu Celcius")
celcius1 = SuhuCelcius(75)
print(f"Konversi dari Celcius ke Farenheit: {celcius1.fahrenheit()}")
celcius2 = SuhuCelcius(60)
print(f"Konversi dari Celcius ke Reamur: {celcius2.reamur()}")
celcius3 = SuhuCelcius(90)
print(f"Konversi dari Celcius ke Kelvin: {celcius3.kelvin()}")
print("=" * 50)

print("Suhu Farenheit")
fahrenheit1 = SuhuFarenheit(75)
print(f"Konversi dari Farenheit ke Celcius: {fahrenheit1.celcius()}")
fahrenheit2 = SuhuFarenheit(60)
print(f"Konversi dari Farenheit ke Kelvin: {fahrenheit2.kelvin()}")
fahrenheit3 = SuhuFarenheit(90)
print(f"Konversi dari Farenheit ke Reamur: {fahrenheit3.reamur()}")
print("=" * 50)

print("Suhu Reamur")
reamur1 = SuhuReamur(75)
print(f"Konversi dari Reamur ke Celcius: {reamur1.celcius()}")
reamur2 = SuhuReamur(60)
print(f"Konversi dari Reamur ke Farenheit: {reamur2.fahrenheit()}")

```

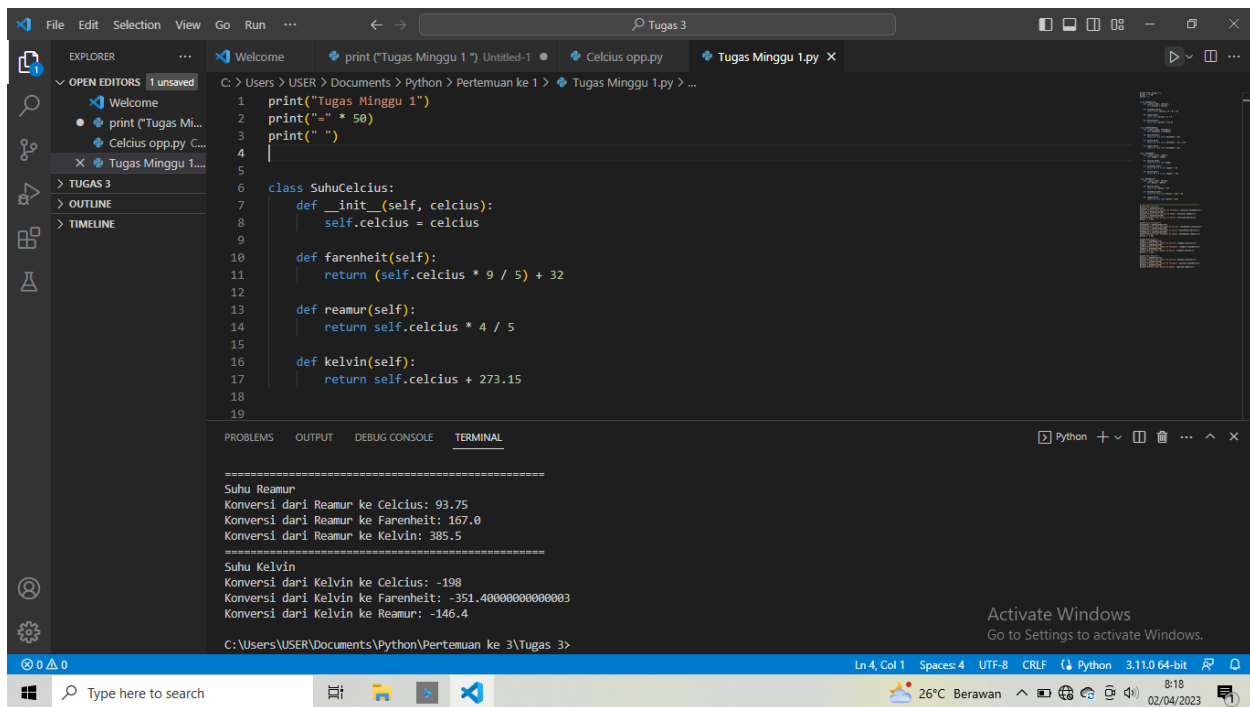
```

reamur3 = SuhuReamur(90)
print(f"Konversi dari Reamur ke Kelvin: {reamur3.kelvin()}")
print("=" * 50)

print("Suhu Kelvin")
kelvin1 = SuhuKelvin(75)
print(f"Konversi dari Kelvin ke Celcius: {kelvin1.celcius()}")
kelvin2 = SuhuKelvin(60)
print(f"Konversi dari Kelvin ke Farenheit: {kelvin2.farenheit()}")
kelvin3 = SuhuKelvin(90)
print(f"Konversi dari Kelvin ke Reamur: {kelvin3.reamur()}")

```

Hasil run :



The screenshot shows a Python IDE with a file explorer on the left, a code editor in the center, and a terminal at the bottom. The code editor contains a Python script with a class `SuhuCelcius` and its methods `__init__`, `farenheit`, `reamur`, and `kelvin`. The terminal shows the output of the script, which includes conversion results for Reamur, Kelvin, and Celsius, separated by a line of 50 equals signs.

```

C:\Users\USER\Documents\Python\Pertemuan ke 1> python Tugas Minggu 1.py
1 print("Tugas Minggu 1")
2 print("=" * 50)
3 print(" ")
4
5
6 class SuhuCelcius:
7     def __init__(self, celcius):
8         self.celcius = celcius
9
10    def farenheit(self):
11        return (self.celcius * 9 / 5) + 32
12
13    def reamur(self):
14        return self.celcius * 4 / 5
15
16    def kelvin(self):
17        return self.celcius + 273.15
18
19
=====
Suhu Reamur
Konversi dari Reamur ke Celcius: 93.75
Konversi dari Reamur ke Farenheit: 167.0
Konversi dari Reamur ke Kelvin: 385.5
=====
Suhu Kelvin
Konversi dari Kelvin ke Celcius: -198
Konversi dari Kelvin ke Farenheit: -351.40000000000003
Konversi dari Kelvin ke Reamur: -146.4
=====
C:\Users\USER\Documents\Python\Pertemuan ke 3>

```