

## Tugas 1 PBO Lanjut 2023

Nama : Alan Maulana Fajar

NIM: 210511037

Kelas: R1

### ***Script***

```
print("Nama : Alan Maulana Fajar ")
print("NIM : 210511037 ")
print("Kelas: R1 ")
print("      "=" *30      )

class Fahrenheit:
    def __init__(self, Fahrenheit):
        self.Fahrenheit = Fahrenheit

    def Reamur(self):
        return 4/9 *(self.Fahrenheit - 32)

    def Kelvin(self):
        return 5/9 *(self.Fahrenheit - 32) + 273

class Reamur:
    def __init__(self, Reamur):
        self.Reamur = Reamur

    def Fahrenheit(self):
        return (9/4 * self.Reamur)+ 32

    def Kelvin(self):
        return 5/4 * self.Reamur + 273

class Kelvin:
    def __init__(self, Kelvin):
        self.Kelvin = Kelvin

    def Fahrenheit(self):
        return 9/5 * (self.Kelvin - 273) + 32

    def Reamur(self):
        return 4/5 * (self.Kelvin - 273)
```

```
Fahrenheit1 = Fahrenheit(70)
print(f"Konversi Fahrenheit ke Reamur : {Fahrenheit1.Reamur()}")
Fahrenheit2 = Fahrenheit(60)
print(f"Konversi Fahrenheit Ke Kelvin: {Fahrenheit2.Kelvin()}")
print("="*50)
```

```
Reamur1 = Reamur(60)
print(f"Konversi Reamur ke Fahrenheit: {Reamur1.Fahrenheit()}")
Reamur2 = Reamur(70)
print(f"Konversi Reamur ke Kelvin: {Reamur2.Kelvin()}")
print("="*50)
```

```
Kelvin1 = Kelvin(70)
print(f"Konversi Kelvin ke Fahrenheit: {Kelvin1.Fahrenheit()}")
Kelvin2 = Kelvin(80)
print(f"Konversi Kelvin ke Reamur: {Kelvin2.Reamur()}")
```

Terminal HelpTugas1.py - Untitled (Workspace) - Visual Studio Code

Tugas1.py ×Celcius\_pro.pyCelcius\_oop.py

Python > Semester 4 PBO Lanjut > Tugas1.py > Fahrenheit

```
1 print("Nama : Alan Maulana Fajar ")
2 print("NIM : 210511037 ")
3 print("Kelas: R1 ")
4 print("=" * 30)
5
6 class Fahrenheit:
7     def __init__(self, Fahrenheit):
8         self.Fahrenheit = Fahrenheit
9
10    def Reamur(self):
11        return 4/9 * (self.Fahrenheit - 32)
12
13    def Kelvin(self):
14        return 5/9 * (self.Fahrenheit - 32) + 273
15
16 class Reamur:
17     def __init__(self, Reamur):
18         self.Reamur = Reamur
19
20    def Fahrenheit(self):
21        return (9/4 * self.Reamur) + 32
22
23    def Kelvin(self):
24        return 5/4 * self.Reamur + 273
25
26 class Kelvin:
27     def __init__(self, Kelvin):
28         self.Kelvin = Kelvin
29
30    def Fahrenheit(self):
31        return 9/5 * (self.Kelvin - 273) + 32
32
33    def Reamur(self):
34        return 4/5 * (self.Kelvin - 273)
35
36 Fahrenheit1 = Fahrenheit(70)
37 print(f"Konversi Fahrenheit ke Reamur : {Fahrenheit1.Reamur()}")
38 Fahrenheit2 = Fahrenheit(60)
39 print(f"Konversi Fahrenheit ke Kelvin: {Fahrenheit2.Kelvin()}")
40 print("=" * 50)
41
42 Reamur1 = Reamur(60)
43 print(f"Konversi Reamur ke Fahrenheit: {Reamur1.Fahrenheit()}")
```

Ln 12, Col 1 Spaces: 4

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Tugas1.py - Untitled (Workspace) - Visual Studio Code

Tugas1.py ×Celcius\_pro.pyCelcius\_oop.py

Python > Semester 4 PBO Lanjut > Tugas1.py > Fahrenheit

```
1 print("Nama : Alan Maulana Fajar ")
2 print("NIM : 210511037 ")
3 print("Kelas: R1 ")
4 print(
5
6 class Fahrenheit:
7     def __init__(self, Fahrenheit):
8         self.Fahrenheit = Fahrenheit
9
10    def Reamur(self):
11        return 4/9 *(self.Fahrenheit - 32)
12
13    def Kelvin(self):
14        return 5/9 *(self.Fahrenheit - 32) + 273
15
16 class Reamur:
17     def __init__(self, Reamur):
18         self.Reamur = Reamur
19
20    def Fahrenheit(self):
21        return (9/4 * self.Reamur)+ 32
22
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

Nama : Alan Maulana Fajar  
NIM : 210511037  
Kelas: R1  
=====

Konversi Fahrenheit ke Reamur : 16.88888888888889

Konversi Fahrenheit Ke Kelvin: 288.55555555555554

=====

Konversi Reamur ke Fahrenheit: 167.0

Konversi Reamur ke Kelvin: 360.5

=====

Konversi Kelvin ke Fahrenheit: -333.40000000000003

Konversi Kelvin ke Reamur: -154.4

0 0 0

Ln 12, Col 1

Spaces: 4

UTF-8