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Kelas: K1

Buatlah 3 buah class (Fahrenheit, Reamur, dan Kelvin yang mengimplementasikan OOP dimana setiap class memiliki kemampuan untuk melakukan konversi ke Temperatur yang lain.

## Script

```
class Fahrenheit:
    def init (self, temperature):
        self.temperature = temperature
    def to celsius(self):
        return (self.temperature - 32) * 5/9
    def to reamur(self):
        return (self.temperature - 32) * 4/9
   def to_kelvin(self):
        return (self.temperature + 459.67) * 5/9
suhu = float(input("Masukan Nilai Suhu Fahrenheit:"))
f = Fahrenheit(suhu)
c = f.to celsius()
print(suhu, "derajat Fahrenheit", round(c, 2), "derajat Celsius".format(c))
r = f.to reamur()
print(suhu, "derajat Fahrenheit", round(r, 2), "derajat Reamur".format(r))
k = f.to kelvin()
print(suhu, "derajat Fahrenheit", round(k, 2), "derajat Kelvin".format(k))
class Reamur:
    def __init__(self, temperature):
        self.temperature = temperature
    def to_celsius(self):
        return self.temperature * 5/4
```

```
def to fahrenheit(self):
        return self.temperature * 9/4 + 32
    def to_kelvin(self):
        return self.temperature * 5/4 + 273.15
suhu = float(input("Masukan Nilai Suhu Reamur:"))
r = Reamur(suhu)
c = r.to celsius()
print(suhu, "derajat Reamur", round(c, 2), "derajat Celsius".format(c))
f = r.to fahrenheit()
print(suhu, "derajat Reamur", round(f, 2), "derajat Fahrenheit".format(r))
k = r.to kelvin()
print(suhu, "derajat Reamur", round(k, 2), "derajat Kelvin".format(k))
class Kelvin:
    def __init__(self, temperature):
        self.temperature = temperature
    def to_celsius(self):
        return self.temperature - 273.15
    def to_fahrenheit(self):
        return self.temperature * 9/5 - 459.67
    def to_reamur(self):
        return (self.temperature - 273.15) * 4/5
suhu = float(input("Masukan Nilai Suhu Kelvin:"))
k = Kelvin(suhu)
c = k.to celsius()
print(suhu, "derajat Kelvin", round(c, 2), "derajat Celsius".format(c))
f = k.to fahrenheit()
print(suhu, "derajat Kelvin", round(f, 2), "derajat Fahrenheit".format(f))
r = k.to_reamur()
print(suhu, "derajat Kelvin", round(r, 2), "derajat Reamur".format(k))
```



