

NAMA : RENI SUSANTI
NIM : 210511079
KELAS : REGULER 2 (B)

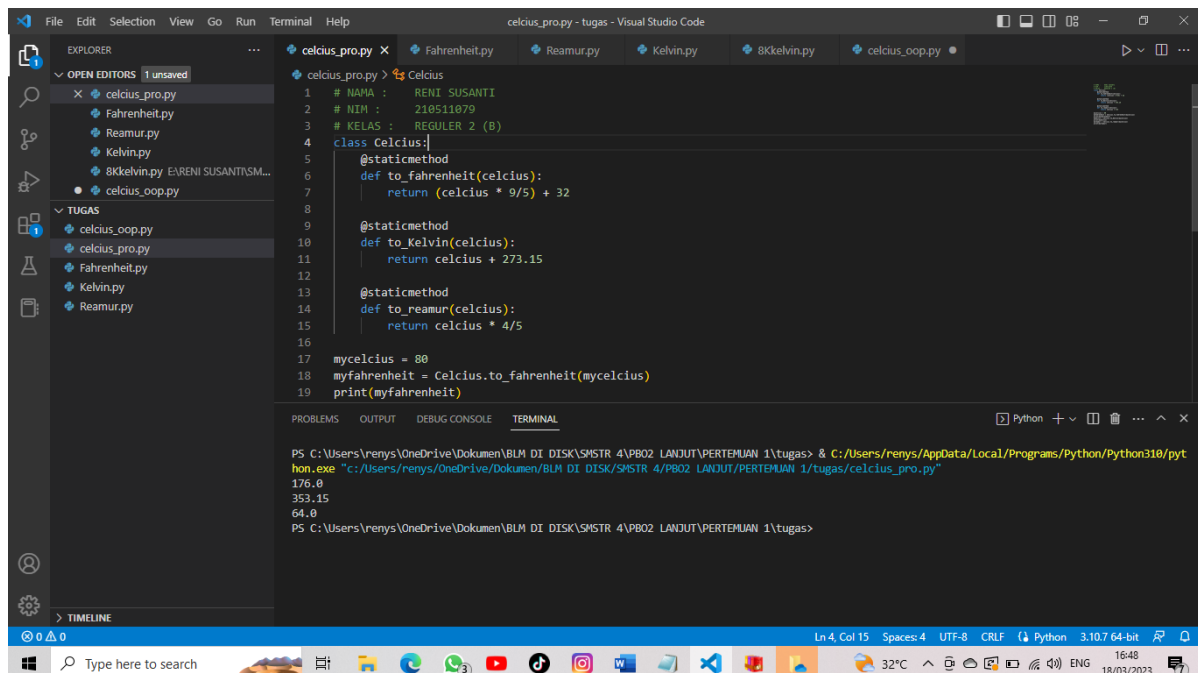
Celcius_pro.py

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

    @staticmethod
    def to_Kelvin(celcius):
        return celcius + 273.15

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

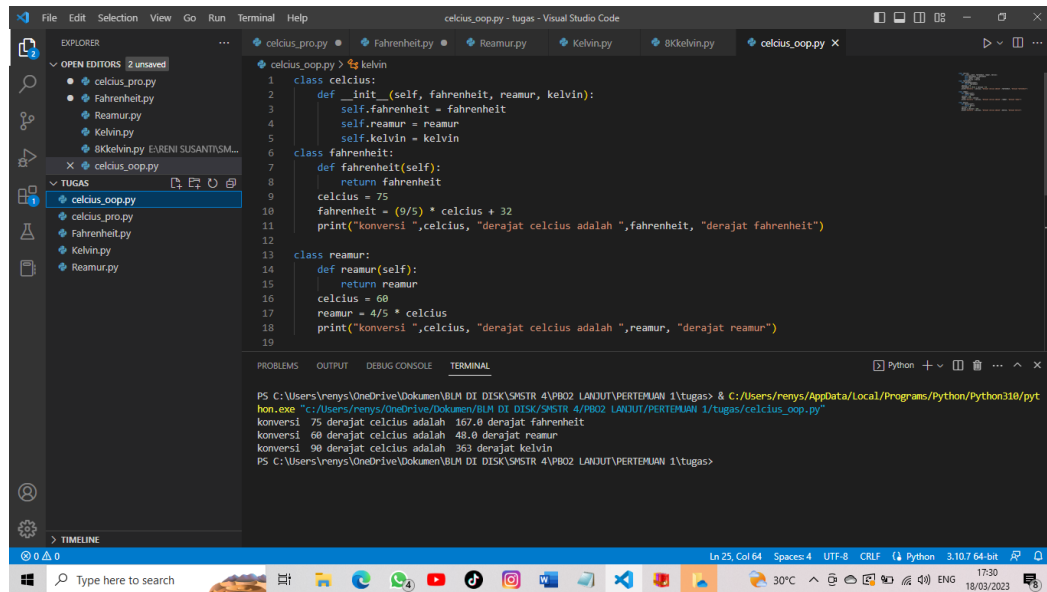
mycelcius = 80
myfahrenheit = Celcius.to_fahrenheit(myclcius)
print(myfahrenheit)
mykelvin = Celcius.to_Kelvin(myclcius)
print(mykelvin)
myreamur = Celcius.to_reamur(myclcius)
print(myreamur)
```



```
celcius_pro.py - tugas - Visual Studio Code
celcius_pro.py X
celcius_pro.py > Celcius
1 # NAMA : RENI SUSANTI
2 # NIM : 210511079
3 # KELAS : REGULER 2 (B)
4 class Celcius:
5     @staticmethod
6     def to_fahrenheit(celcius):
7         return (celcius * 9/5) + 32
8
9     @staticmethod
10    def to_Kelvin(celcius):
11        return celcius + 273.15
12
13    @staticmethod
14    def to_reamur(celcius):
15        return celcius * 4/5
16
17 mycelcius = 80
18 myfahrenheit = Celcius.to_fahrenheit(myclcius)
19 print(myfahrenheit)

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Python + Python 3.10.7 64-bit
PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANDUT\PERTEMUAN 1\tugas> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Document/BLM DI DISK/SMSTR 4/PB02 LANDUT/PERTEMUAN 1/tugas/celcius_pro.py"
176.0
353.15
64.0
PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANDUT\PERTEMUAN 1\tugas>
```

celcius_oop.py



CONTOH 1 :

class Buku:

```
def __init__(self, judul, penulis):
    self.judul = judul
    self.penulis = penulis

def info(self):
    print(f"Judul: {self.judul}\nPenulis: {self.penulis}")
```

```
bukuA = Buku("Harry Potter and the Philosopher's Stone", "J.K. Rowling")
bukuA.info()
```

CONTOH 2 :

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

    @staticmethod
    def to_Kelvin(celcius):
        return celcius + 273.15

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

```
mycelcius = 80
myfahrenheit = Celcius.to_fahrenheit(mycelcius)
print(myfahrenheit)
```

CONTOH 3:

```
class Kalkulator:
    @staticmethod
    def add(x, y):
        return x + y

    @staticmethod
    def subtract(x, y):
        return x - y

    @staticmethod
    def multiply(x, y):
        return x * y

    @staticmethod
    def divide(x, y):
        if y == 0:
            raise ValueError('Tidak dapat membagi dengan nol.')
        return x / y

# memanggil metode statis add() dan subtract() di dalam class Math
print(Kalkulator.add(3, 5))          # output: 8
print(Kalkulator.subtract(10, 7))    # output: 3

# memanggil metode statis multiply() dan divide() di dalam class Math
print(Kalkulator.multiply(4, 6))     # output: 24
print(Kalkulator.divide(12, 4))      # output: 3.0
```

CONTOH 4:

```
class Lingkaran:
    def __init__(self, jari_jari):
        self.jari_jari = jari_jari

    def luas(self):
        return 3.14 * (self.jari_jari ** 2)

lingkaranA = Lingkaran(7)
print(f"Luas lingkaran: {lingkaranA.luas()}")
```

CONTOH 5:

```
class Mahasiswa:
    def __init__(self, nama, npm):
        self.nama = nama
        self.npm = npm

    def info(self):
        print(f>Nama: {self.nama}\nNPM: {self.npm}")

mahasiswaB = Mahasiswa("Ahmad", "123456789")
mahasiswaB.info()
```

CONTOH 6 :

```
class Mobil:
    def __init__(self, merk, warna):
        self.merk = merk
        self.warna = warna
    def info(self):
        print(f">mobil {self.merk} berwarna {self.warna}")

mobilA = Mobil("Toyota", "Hitam")
mobilA.info() # Output: Mobil Toyota berwarna Hitam
```

CONTOH 7 :

```
class PesawatTerbang:
    def __init__(self, maskapai, tujuan):
        self.maskapai = maskapai
        self.tujuan = tujuan

    def info(self):
        print(f">Maskapai: {self.maskapai}\nTujuan: {self.tujuan}")

pesawata = PesawatTerbang("Garuda Indonesia", "Jakarta - Bali")
pesawata.info()
```

```
1 # NAMA      : RENI SUSANTI
2 # KELAS     : REGULER2 (B)
3 # NIM       : 210511079
4 class Buku:
5     def __init__(self, judul, penulis):
6         self.judul = judul
7         self.penulis = penulis
8
9     def info(self):
10        print(f"Judul: {self.judul}\nPenulis: {self.penulis}")
11
12 bukuA = Buku("Harry Potter and the Philosopher's Stone", "J.K. Rowling")
13 bukuA.info()
```

PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Dokumen/BLM DI DISK/SHSTR 4/PROJ LAMUT/PERTEMUAN 1/Pro1/bukupy.py"

Judul: Harry Potter and the Philosopher's Stone
Penulis: J.K. Rowling
PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1>

```
1 # NAMA      : RENI SUSANTI
2 # KELAS     : REGULER2 (B)
3 # NIM       : 210511079
4 class Kalkulator:
5     @staticmethod
6     def add(x, y):
7         return x + y
8
9     @staticmethod
10    def subtract(x, y):
11        return x - y
12
13    @staticmethod
14    def multiply(x, y):
15        return x * y
16
17    @staticmethod
18    def divide(x, y):
19        if y == 0:
20            return "Error: Division by zero"
21        return x / y
22
23 kalk = Kalkulator()
24 result = kalk.add(24, 3.0)
25 print(result)
```

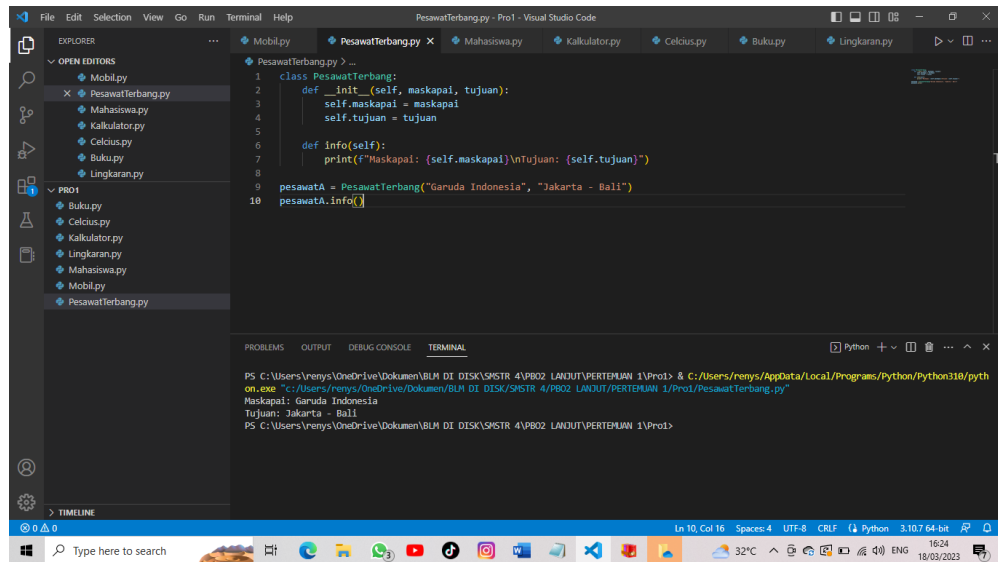
PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Dokumen/BLM DI DISK/SHSTR 4/PROJ LAMUT/PERTEMUAN 1/Pro1/kalkulator.py"

24
3.0
3.0
PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1>

```
1 # NAMA      : RENI SUSANTI
2 # KELAS     : REGULER2 (B)
3 # NIM       : 210511079
4 class Celcius:
5     @staticmethod
6     def to_fahrenheit(celcius):
7         return (celcius * 9/5) + 32
8
9     @staticmethod
10    def to_kelvin(celcius):
11        return celcius + 273.15
12
13    @staticmethod
14    def to_reamur(celcius):
15        return celcius * 4/5
16
17 mycelcius = 80
18 myfahrenheit = Celcius.to_fahrenheit(mycelcius)
19 print(myfahrenheit)
```

PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Dokumen/BLM DI DISK/SHSTR 4/PROJ LAMUT/PERTEMUAN 1/Pro1/celcius.py"

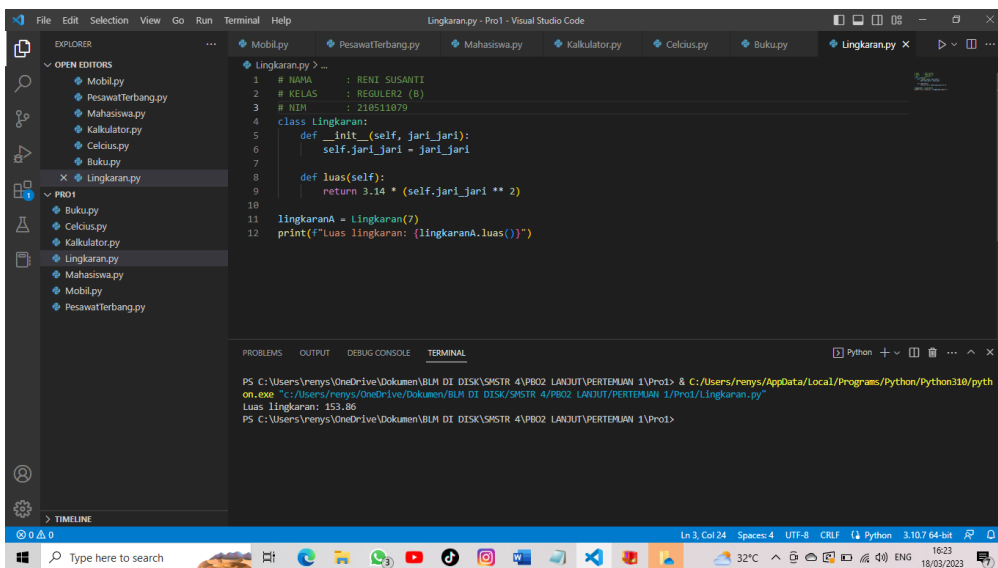
176.0
PS C:\Users\renys\OneDrive\Dokumen\BLM DI DISK\SHSTR 4\PROJ LAMUT\PERTEMUAN 1\Pro1>



```
1 class PesawatTerbang:
2     def __init__(self, maskapai, tujuan):
3         self.maskapai = maskapai
4         self.tujuan = tujuan
5
6     def info(self):
7         print(f"Maskapai: {self.maskapai}\nTujuan: {self.tujuan}")
8
9 pesawatA = PesawatTerbang("Garuda Indonesia", "Jakarta - Bali")
10 pesawatA.info()
```

PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Document/BLM DI DISK/SMSTR 4/PB02 LANOUT/PERTEMUAN 1/Pro1/PesawatTerbang.py"

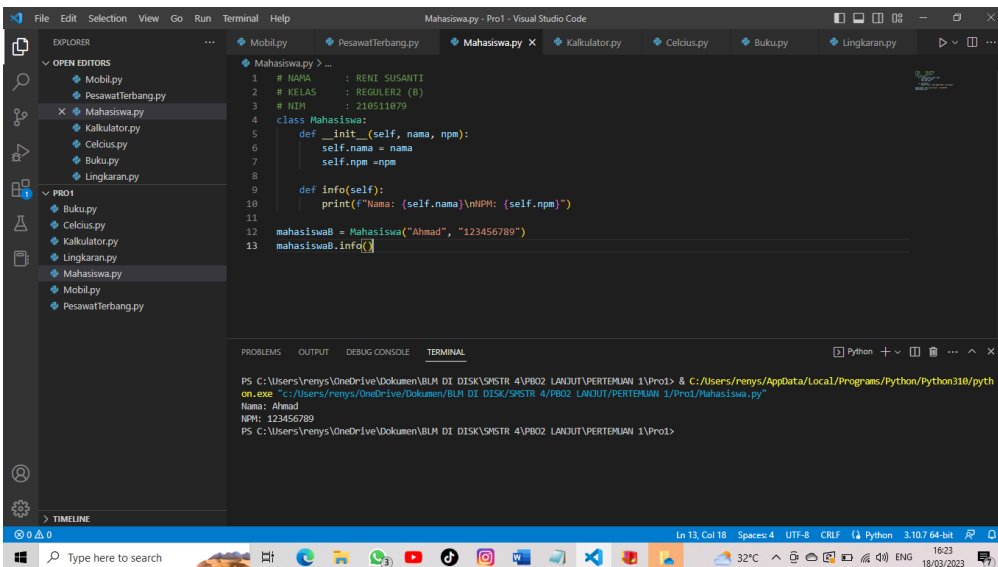
Maskapai: Garuda Indonesia
Tujuan: Jakarta - Bali
PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1>



```
1 # NAMA      : RENDI SUSANTI
2 # KELAS     : REGULER2 (B)
3 # NIM       : 210511079
4 class Lingkaran:
5     def __init__(self, jari_jari):
6         self.jari_jari = jari_jari
7
8     def luas(self):
9         return 3.14 * (self.jari_jari ** 2)
10
11 lingkaranA = Lingkaran(7)
12 print(f"Luas lingkaran: {lingkaranA.luas()}")
```

PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Document/BLM DI DISK/SMSTR 4/PB02 LANOUT/PERTEMUAN 1/Pro1/Lingkaran.py"

Luas lingkaran: 153.86
PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1>



```
1 # NAMA      : RENDI SUSANTI
2 # KELAS     : REGULER2 (B)
3 # NIM       : 210511079
4 class Mahasiswa:
5     def __init__(self, nama, npm):
6         self.nama = nama
7         self.npm = npm
8
9     def info(self):
10         print(f"Nama: {self.nama}\nNPM: {self.npm}")
11
12 mahasiswaB = Mahasiswa("Ahmad", "123456789")
13 mahasiswaB.info()
```

PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1> & C:/Users/renys/AppData/Local/Programs/Python/Python310/python.exe "c:/Users/renys/OneDrive/Document/BLM DI DISK/SMSTR 4/PB02 LANOUT/PERTEMUAN 1/Pro1/Mahasiswa.py"

Nama: Ahmad
NPM: 123456789
PS C:\Users\renys\OneDrive\Documents\BLM DI DISK\SMSTR 4\PB02 LANOUT\PERTEMUAN 1\Pro1>

