

latihan1\_mahasiswa.py - 210511034 - Visual Studio Code

EXPLORER

- 210511034
  - latihan1\_buku.py
  - latihan1\_kalkulator.py
  - latihan1\_konversiSuhu...
  - latihan1\_lingkaran.py
  - latihan1\_mahasiswa.py
  - latihan1\_maskapai.py
  - latihan1\_mobil.py
  - latihan1\_cop.py
  - LATIHAN1\_PBO2.zip
  - Pertemuan 1 PBO2.pdf

latihan1\_mahasiswa.py > ...

```
1 class Mahasiswa:
2     def __init__(self, nama, npm):
3         self.nama = nama
4         self.npm = npm
5     def info(self):
6         print(f>Nama: {self.nama}\nNIM: {self.npm} \n")
7 mahasiswa8 = Mahasiswa("Aghisna Baihaqi", "210511034")
8 mahasiswa8.info()
```

PROBLEMS OUTPUT TERMINAL

Python +

PS D:\210511034> & D:/Python310/python.exe d:/210511034/latihan1\_mahasiswa.py  
Nama: Aghisna Baihaqi  
NTM: 210511034  
  
PS D:\210511034> |

Ln 8, Col 18 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

Type here to search

31°C Berawan 11:50 13/03/2023

Visual Studio Code interface showing a Python file named `latihan1_lingkaran.py` with the following code:

```
1 class Lingkaran:
2     def __init__(self, jari_jari):
3         self.jari_jari = jari_jari
4     def luas(self):
5         return 3.14 * (self.jari_jari ** 2)
6
7 lingkaranA = Lingkaran(9)
8 print(f"Luas lingkaran: {lingkaranA.luas()} \n")
```

The terminal output shows the execution of the script:

```
PS D:\210511034> & D:/Python310/python.exe d:/210511034/latihan1_lingkaran.py
Luas lingkaran: 254.34
PS D:\210511034>
```

The status bar at the bottom indicates the current position is Line 8, Column 49, with 4 spaces, UTF-8 encoding, and CRLF line endings. The system tray shows the date and time as 11:50 on 13/03/2023, and the temperature as 31°C in Berawan.

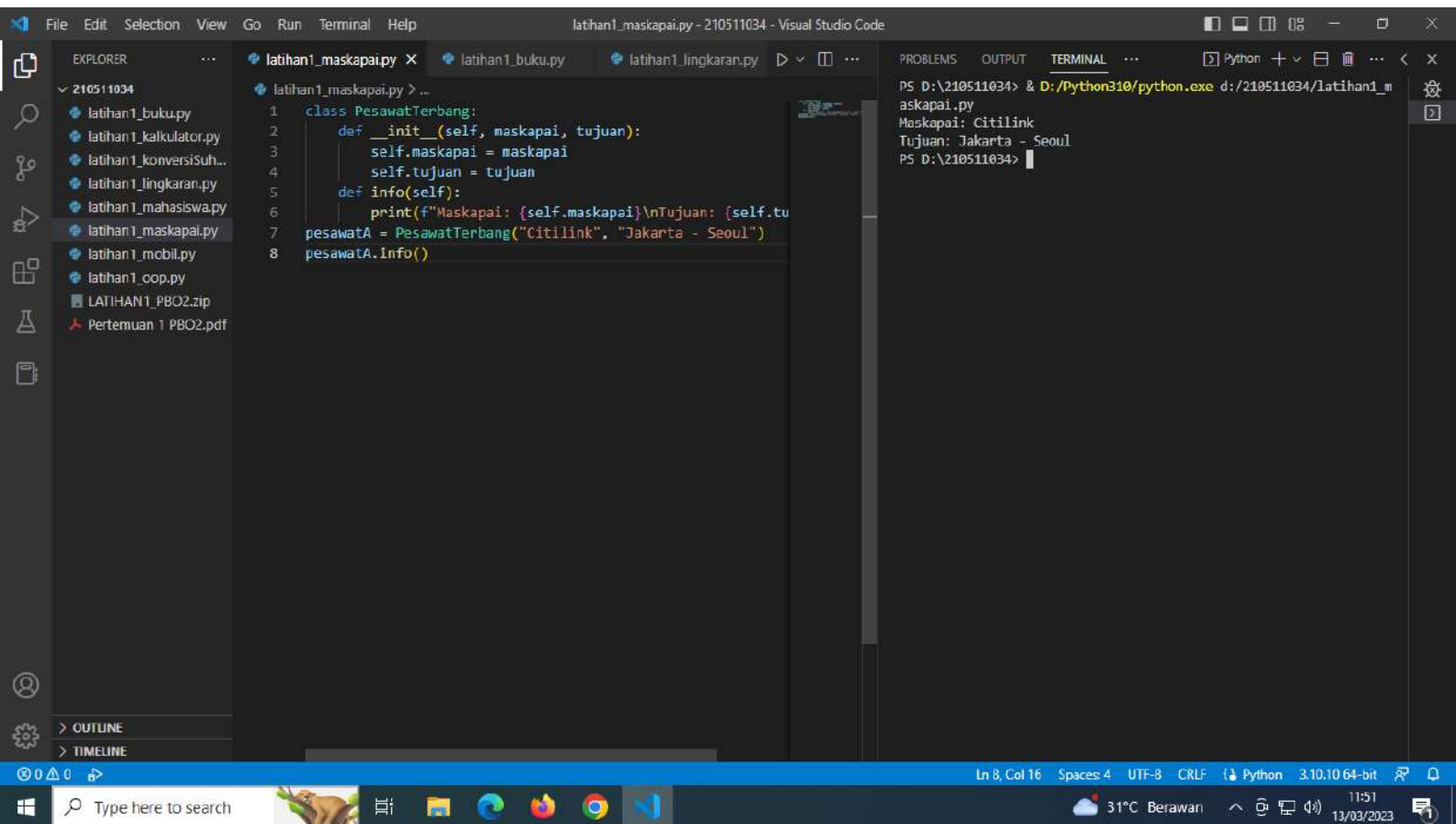
Visual Studio Code interface showing a Python file named `latihan1_kalkulator.py` with the following code:

```
1 class Kalkulator:
2     @staticmethod
3     def add(x, y):
4         return x + y
5
6     @staticmethod
7     def subtract(x, y):
8         return x - y
9
10    @staticmethod
11    def multiply(x, y):
12        return x * y
13
14    @staticmethod
15    def divide(x, y):
16        if y == 0:
17            raise ValueError('Tidak dapat membagi dengan no')
18        return x / y
19
20 # Memanggil metode statis add() dan subtract() di dalam class
21 print(Kalkulator.add(4, 5)) # Output: 9
22 print(Kalkulator.subtract(10, 8)) # Output: 2
23
24 # Memanggil metode statis multiply() dan divide() di dalam
25 print(Kalkulator.multiply(4, 3)) # Output: 12
26 print(Kalkulator.divide(12, 6)) # Output: 2
```

The terminal output shows the execution of the script:

```
PS D:\210511034> & D:/Python310/python.exe d:/210511034/latihan1_kalkulator.py
9
2
12
2.0
PS D:\210511034>
```

The status bar at the bottom indicates the file is at Line 26, Column 44, using UTF-8 encoding and CRLF line endings. The system tray shows the date and time as 11:51 on 13/03/2023.



Visual Studio Code interface showing a Python script for temperature conversion and its execution output.

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  - latihan1\_maskapai.py
  - latihan1\_mobil.py
  - latihan1\_oop.py
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**latihan1\_konversiSuhu.py**

```
1 #Konversi Suhu Celcius Ke Fahrenheit:
2 C = 75
3 F = (9/5) * C + 32
4 print("konversi ",C, "derajat celcius adalah ",F, "derajat
5 #Konversi Suhu Celcius Ke Reamur:
6 C = 60
7 R = 4/5 * C
8 print("konversi ",C, "derajat celcius adalah ",R, "derajat
9 #Konversi Suhu Celcius Ke Kelvin:
10 C = 90
11 K = C + 273
12 print("konversi ",C, "derajat celcius adalah ",K, "derajat
```

**TERMINAL**

```
PS D:\210511034> & D:/Python310/python.exe d:/210511034/latihan1_konversiSuhu.py
konversi 75 derajat celcius adalah 167.0 derajat fahrenheit
konversi 60 derajat celcius adalah 48.0 derajat Reamur
konversi 90 derajat celcius adalah 363 derajat kelvin
PS D:\210511034>
```

Ln 12, Col 69 Spaces 4 UTF-8 CRLF Python 3.10.10 64-bit

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