

The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder named 'LATIHAN1' with files 'latihan1\_buku.py', 'latihan1\_kalkulator.py', and 'readme.md'. The main editor displays '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 nol.')
18        return x / y
19
20 # Memanggil metode statis add() dan subtract() di dalam class Math
21 print(Kalkulator.add(100, 90)) # Output: 190
22 print(Kalkulator.subtract(60, 9)) # Output: 51
23
```

The terminal at the bottom shows the command `/python.exe "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/P802/Latihan1/latihan1_kalkulator.py"` and its output:

```
190
51
10
2.0
PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\P802\Latihan1>
```

The status bar at the bottom indicates 'Ln 5, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', 'Python 3.10.0 64-bit', and 'Go Live'.

The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder named 'LATIHAN1' with files 'latihan1\_buku.py', 'latihan1\_kalkulator.py', 'latihan1\_konversiSuhu', 'latihan1\_lingkaran.py', 'latihan1\_mahasiswa.py', 'latihan1\_maskapai.py', 'latihan1\_mobil', and 'readme.md'. The main editor displays 'latihan1\_konversiSuhu.py' with the following code:

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

The terminal at the bottom shows the command `PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\P802\Latihan1> & "C:/Users/Faldi Hirana Rusnadi/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/P802/Latihan1/latihan1_konversiSuhu"` and its output:

```
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 C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\P802\Latihan1>
```

The status bar at the bottom indicates 'Ln 12, Col 71', 'Spaces: 4', 'UTF-8', 'CRLF', 'Python 3.10.0 64-bit', and 'Go Live'.

The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a project named 'LATIHAN1'. The file 'latihan1\_lingkaran.py' is open in the editor. The code defines a class 'Lingkaran' with an 'init' method that takes 'jari\_jari' as an argument and a 'luas' method that calculates the area using the formula  $3.14 * (self.jari\_jari ** 2)$ . An instance 'lingkaranA' is created with a radius of 12, and its area is printed, resulting in 452.16. The terminal at the bottom shows the command to run the script and the output.

```
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(12)
8 print(f"Luas lingkaran: {lingkaranA.luas()} \n")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + Python 3.10.0 64-bit Go Live

PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1> & "C:/Users/Faldi Hirana Rusnadi/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/PB02/Latihan1/latihan1\_lingkaran.py"

Luas lingkaran: 452.16

PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1>

The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying the same 'LATIHAN1' project. The file 'latihan1\_maskapai.py' is open in the editor. The code defines a class 'PesawatTerbang' with an 'init' method that takes 'maskapai' and 'tujuan' as arguments, and an 'info' method that prints the airline and destination. An instance 'pesawataA' is created with 'Garuda Indonesia' as the airline and 'Jakarta - New York' as the destination, and its info is printed. The terminal at the bottom shows the command to run the script and the output.

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

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Python + Python 3.10.0 64-bit Go Live

PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1> & "C:/Users/Faldi Hirana Rusnadi/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/PB02/Latihan1/latihan1\_maskapai.py"

Maskapai: Garuda Indonesia

Tujuan: Jakarta - New York

PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1>

The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying a project named 'LATIHAN1' containing files: 'latihan1\_buku.py', 'latihan1\_kalkulator.py', 'latihan1\_mahasiswa.py', 'latihan1\_mobil', and 'readme.md'. The main editor window is open to 'latihan1\_mahasiswa.py', showing the following Python code:

```
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 mahasiswaB = Mahasiswa("Faldi Hirana R", "190511011")
8 mahasiswaB.info()
```

The terminal at the bottom shows the command prompt output:

```
PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1> & "C:/Users/Faldi Hirana Rusnadi/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/PB02/Latihan1/latihan1_mahasiswa.py"
Nama: Faldi Hirana R
NIM: 190511011
PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1>
```

The status bar at the bottom indicates the file is at line 7, column 39, using UTF-8 encoding with CRLF line endings, and the Python interpreter is set to 3.10.0 64-bit.

The screenshot shows the Visual Studio Code interface with the file explorer on the left displaying the same 'LATIHAN1' project. The main editor window is open to 'latihan1\_mobil.py', showing the following Python code:

```
1 class Mobil:
2     def __init__(self, merk, warna):
3         self.merk = merk
4         self.warna = warna
5     def info(self):
6         print(f">Mobil {self.merk} berwarna {self.warna} \n")
7
8 mobilA = Mobil("VW Kodok", "Pearl White")
9 mobilA.info() # Output: Mobil VW berwarna Pearl White
```

The terminal at the bottom shows the command prompt output:

```
PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1> & "C:/Users/Faldi Hirana Rusnadi/AppData/Local/Programs/Python/Python310/python.exe" "c:/Users/Faldi Hirana Rusnadi/OneDrive/Documents/PB02/Latihan1/latihan1_mobil.py"
>Mobil VW berwarna Pearl White
PS C:\Users\Faldi Hirana Rusnadi\OneDrive\Documents\PB02\Latihan1>
```

The status bar at the bottom indicates the file is at line 9, column 54, using UTF-8 encoding with CRLF line endings, and the Python interpreter is set to 3.10.0 64-bit.