

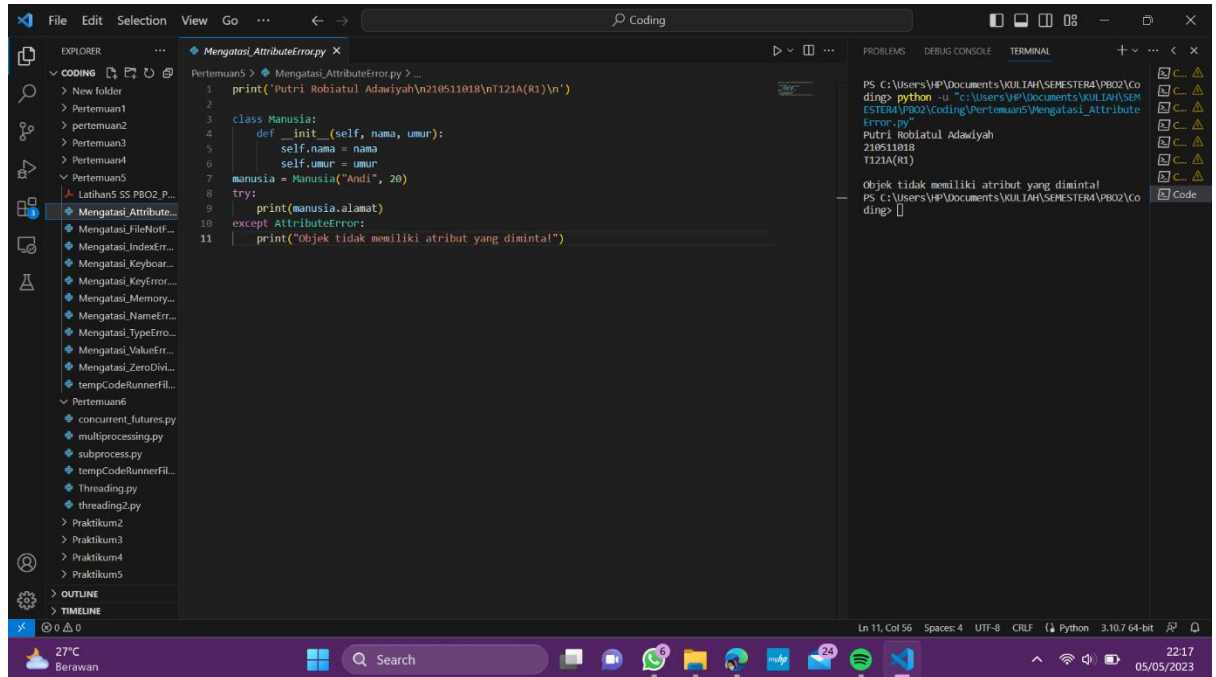
Nama : Putri Robi'atul Adawiyah

Nim : 210511018

Kelas : TI21A (R1)

Tugas : SS Latihan 5 Exception Handling PBO2

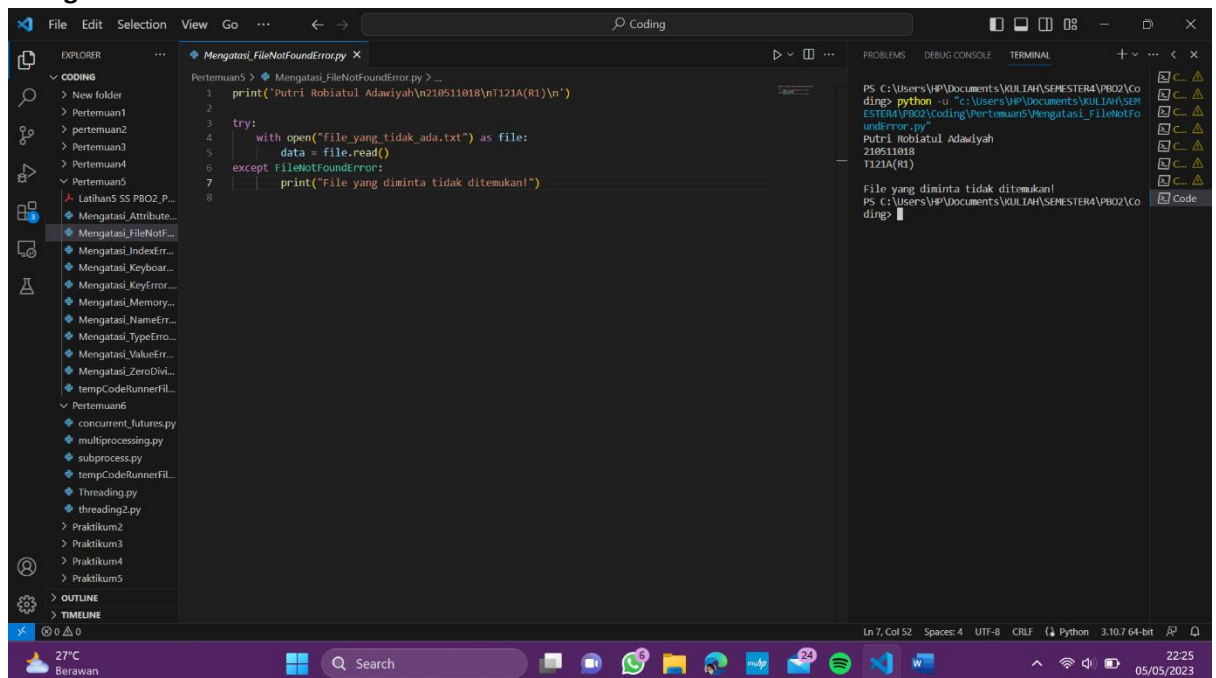
1. Mengatasi Attribute Error



The screenshot shows the Visual Studio Code editor with a file named `Mengatasi_AttributeError.py` open. The code defines a `Manusia` class with an `__init__` method that takes `nama` and `umur` as arguments. It then creates an instance of the class named `manusia` with the name "Andi" and age 20. The code attempts to print `manusia.alamat`, which results in an `AttributeError` because the `manusia` object does not have an `alamat` attribute. The error message in the terminal is: "Objek tidak memiliki atribut yang dimintal".

```
1 print('Putri Robiatul Adawiyah\n210511018\nTI21A(R1)\n')
2
3 class Manusia:
4     def __init__(self, nama, umur):
5         self.nama = nama
6         self.umur = umur
7     manusia = Manusia("Andi", 20)
8     try:
9         print(manusia.alamat)
10    except AttributeError:
11        print("Objek tidak memiliki atribut yang dimintal")
```

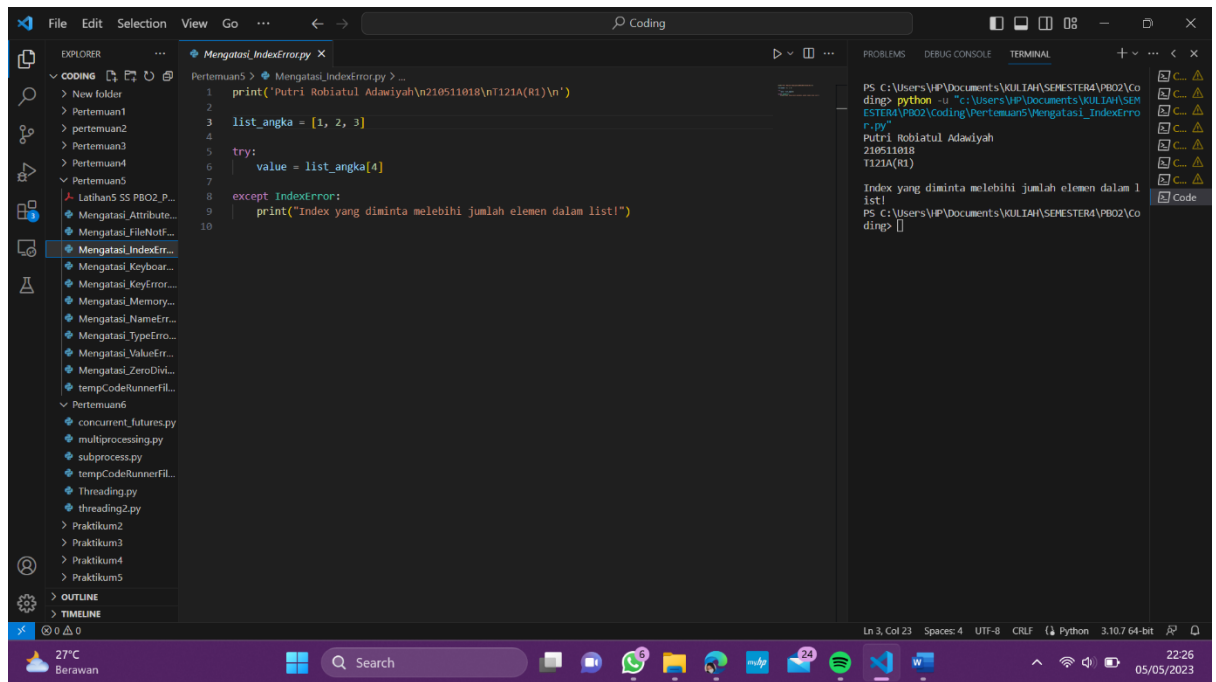
2. Mengatasi File Not Found Error



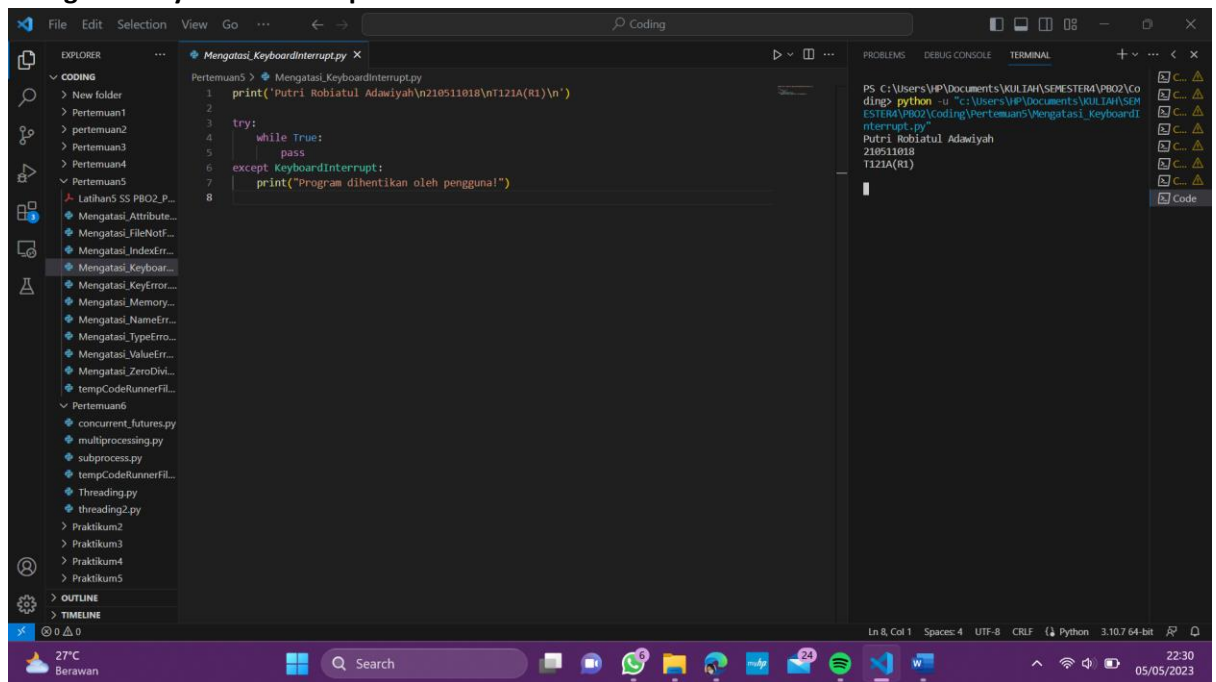
The screenshot shows the Visual Studio Code editor with a file named `Mengatasi_FileNotFoundError.py` open. The code attempts to open a file named `file_yang_tidak_ada.txt` using `open()` and read its contents. Since the file does not exist, a `FileNotFoundError` is raised. The code catches this exception and prints a message: "File yang diminta tidak ditemukan!".

```
1 print('Putri Robiatul Adawiyah\n210511018\nTI21A(R1)\n')
2
3 try:
4     with open("file_yang_tidak_ada.txt") as file:
5         data = file.read()
6 except FileNotFoundError:
7     print("File yang diminta tidak ditemukan!")
8
```

3. Mengatasi Index Error



4. Mengatasi Keyboard Interrupt



5. Mengatasi Key Error

```
File Edit Selection View Go ... Coding
EXPLORER
CODING
Pertemuan5 > Mengatasi_KeyError.py > ...
1 print('Putri Robiatul Adawiyah\n210511018\n121A(R1)\n')
2
3 dictionary = {"satu": 1, "dua": 2, "tiga": 3}
4
5 try:
6     value = dictionary["empat"]
7
8 except KeyError:
9     print("Key yang diminta tidak ditemukan pada dictionary!")
10
```

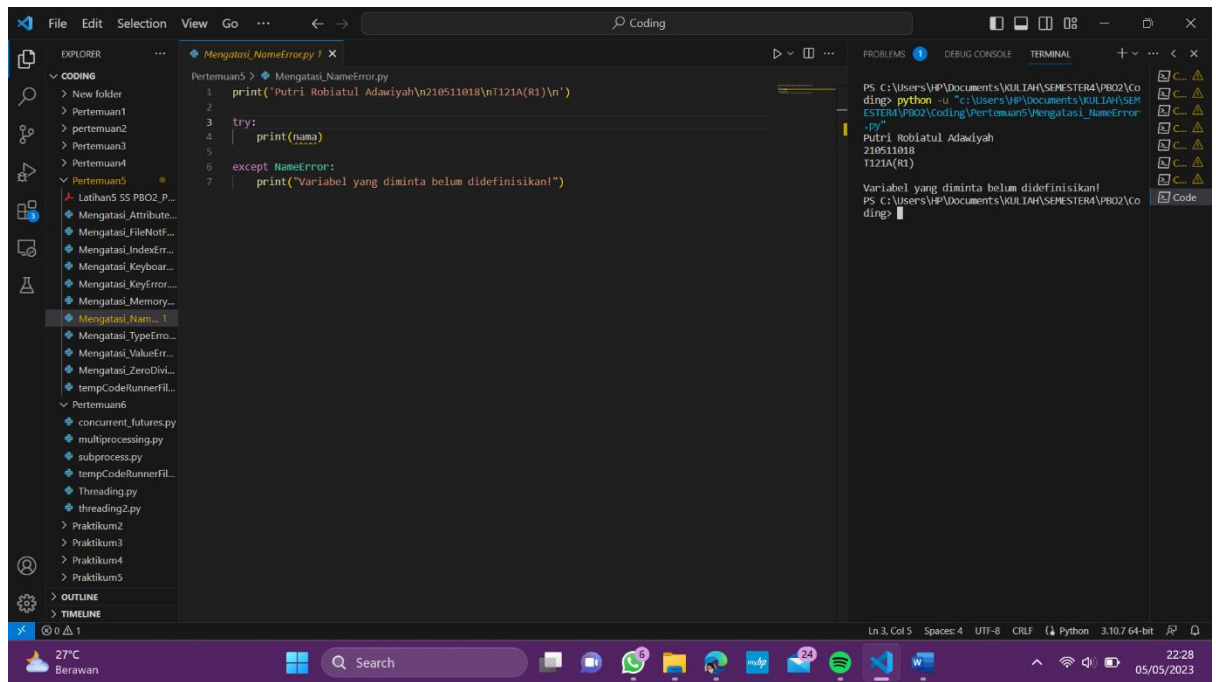
```
PS C:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding> python -u "c:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding\Pertemuan5\Mengatasi_KeyError.py"
Putri Robiatul Adawiyah
210511018
121A(R1)
Key yang diminta tidak ditemukan pada dictionary!
PS C:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding>
```

6. Mengatasi Memory Error

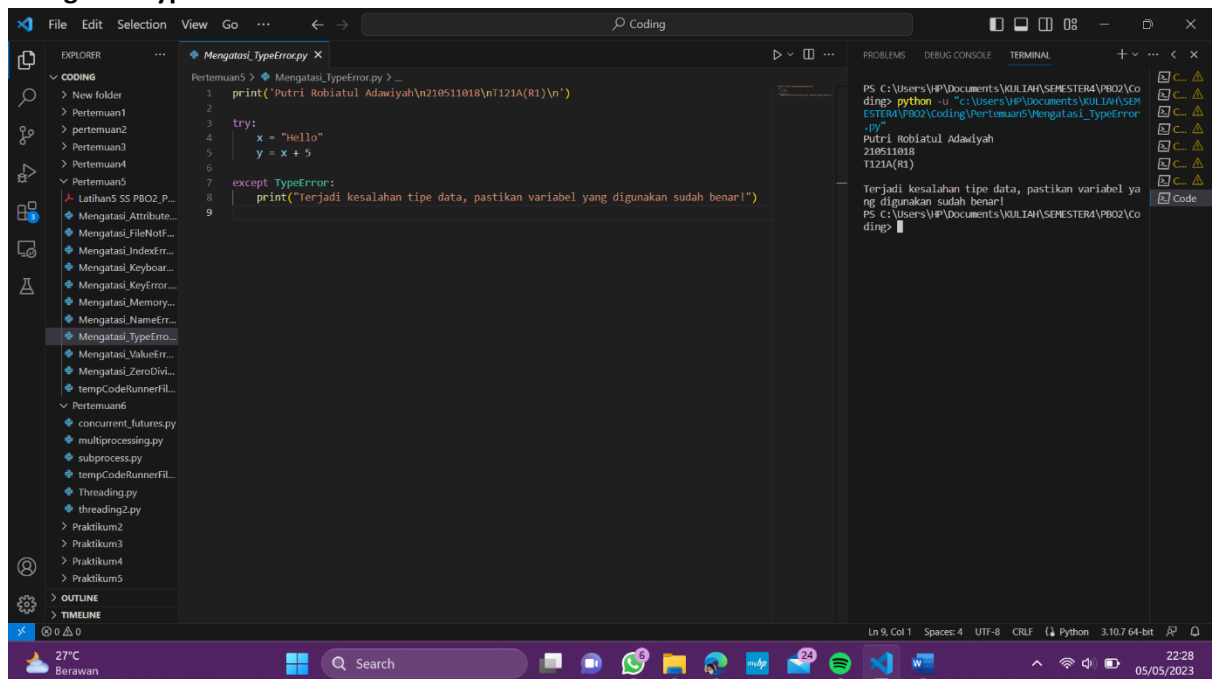
```
File Edit Selection View Go ... Coding
EXPLORER
CODING
Pertemuan5 > Mengatasi_MemoryError.py > ...
1 print('Putri Robiatul Adawiyah\n210511018\n121A(R1)\n')
2
3 try:
4     data = " " * (10**10)
5
6 except MemoryError:
7     print("Memori tidak cukup untuk menampung data yang diminta!")
```

```
PS C:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding> python -u "c:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding\Pertemuan5\Mengatasi_MemoryError.py"
Putri Robiatul Adawiyah
210511018
121A(R1)
Memori tidak cukup untuk menampung data yang diminta!
PS C:\Users\VIP\Documents\KULIAH\SEMESTER4\PB02\Coding>
```

7. Mengatasi Name Error



8. Mengatasi Type Error



9. Mengatasi Value Error

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_ValueError.py` open. The code in the editor is as follows:

```
1 print('Putri Robiatul Adawiyah\n210511018\nT121A(R1)\n')
2
3 try:
4     angka = int("bukan_angka")
5
6 except ValueError:
7     print("Terjadi kesalahan konversi nilai ke dalam tipe data yang diinginkan!")
```

The Explorer sidebar on the left shows a project structure with folders for 'CODING' and 'Pertemuan1' through 'Pertemuan5'. The file `Mengatasi_ValueError.py` is selected under 'Pertemuan5'. The TERMINAL panel on the right shows the command `python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PB02\Coding\Pertemuan5\Mengatasi_ValueError.py"` being executed, resulting in the output: `Putri Robiatul Adawiyah\n210511018\nT121A(R1)\n` followed by the message: `Terjadi kesalahan konversi nilai ke dalam tipe data yang diinginkan!`. The status bar at the bottom indicates the file is at line 4, column 31, with 4 spaces, in UTF-8 encoding, using CRLF line endings, and is a Python 3.10.7 64-bit file.

10. Mengatasi Zero Division Error

The screenshot shows the Visual Studio Code interface with a file named `Mengatasi_ZeroDivisionError.py` open. The code in the editor is as follows:

```
1 print('Putri Robiatul Adawiyah\n210511018\nT121A(R1)\n')
2
3 try:
4     x = 10
5     y = x / 0
6
7 except ZeroDivisionError:
8     print("Terjadi kesalahan pembagian dengan nol!")
9
```

The Explorer sidebar on the left shows the same project structure as the previous screenshot, with `Mengatasi_ZeroDivisionError.py` selected under 'Pertemuan5'. The TERMINAL panel on the right shows the command `python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PB02\Coding\Pertemuan5\Mengatasi_ZeroDivisionError.py"` being executed, resulting in the output: `Putri Robiatul Adawiyah\n210511018\nT121A(R1)\n` followed by the message: `Terjadi kesalahan pembagian dengan nol!`. The status bar at the bottom indicates the file is at line 5, column 14, with 4 spaces, in UTF-8 encoding, using CRLF line endings, and is a Python 3.10.7 64-bit file.