

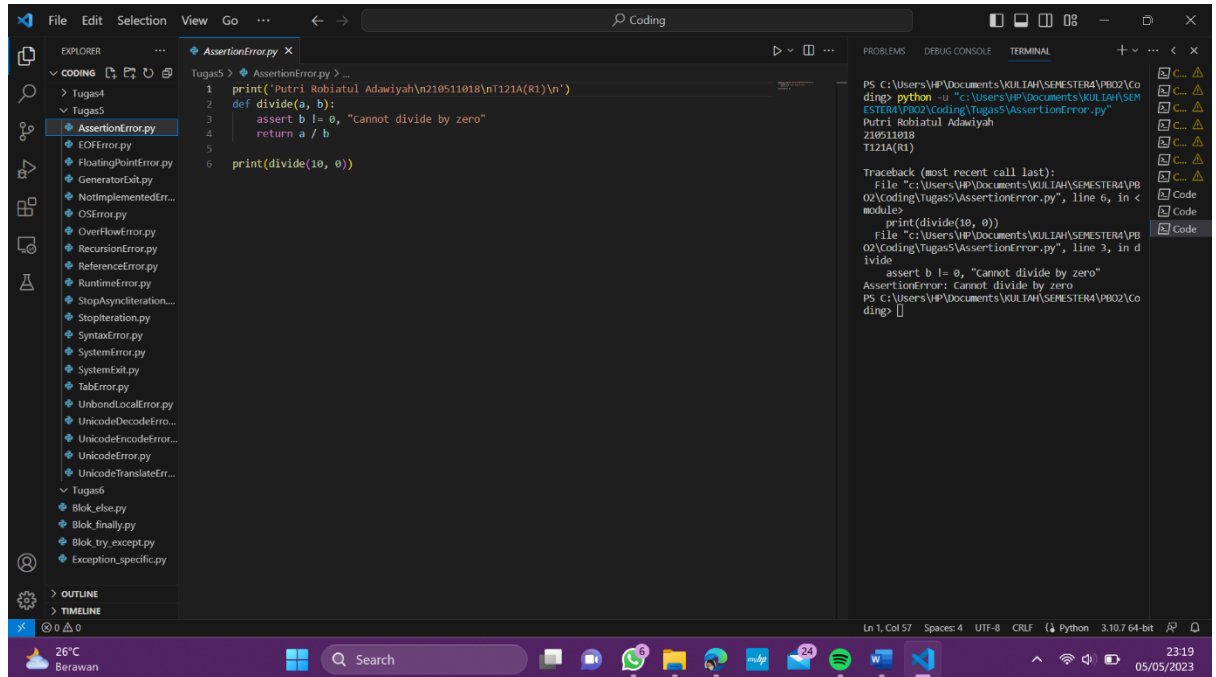
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Nim : 210511018

Kelas : TI21A (R1)

Tugas : SS Tugas 5 PBO2

## 1. AssertionError

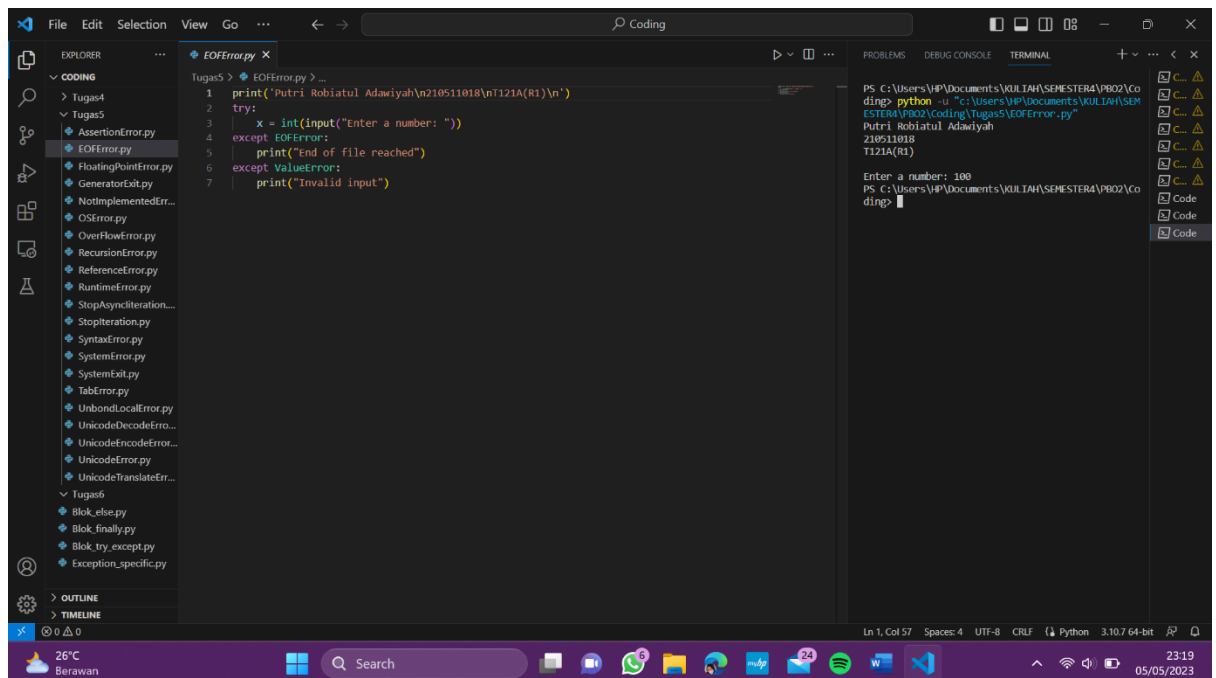


The screenshot shows the Visual Studio Code editor with a Python file named `AssertionError.py` open. The code defines a `divide` function that asserts `b != 0` and then prints the result of `divide(10, 0)`. The terminal window on the right shows the execution output, including the traceback for the `AssertionError: cannot divide by zero`.

```
1 print('Putri Robiatul Adawiyah\n210511018\nTI21A(R1)\n')
2 def divide(a, b):
3     assert b != 0, "Cannot divide by zero"
4     return a / b
5
6 print(divide(10, 0))
```

Traceback (most recent call last):  
File "c:\Users\HP\Documents\KULIAH\SEMESTER4\VB02\Coding\Tugas5\AssertionError.py", line 6, in <module>  
 print(divide(10, 0))  
File "c:\Users\HP\Documents\KULIAH\SEMESTER4\VB02\Coding\Tugas5\AssertionError.py", line 3, in divide  
 assert b != 0, "Cannot divide by zero"  
AssertionError: cannot divide by zero  
PS C:\Users\HP\Documents\KULIAH\SEMESTER4\VB02\Coding>

## 2. EOFError

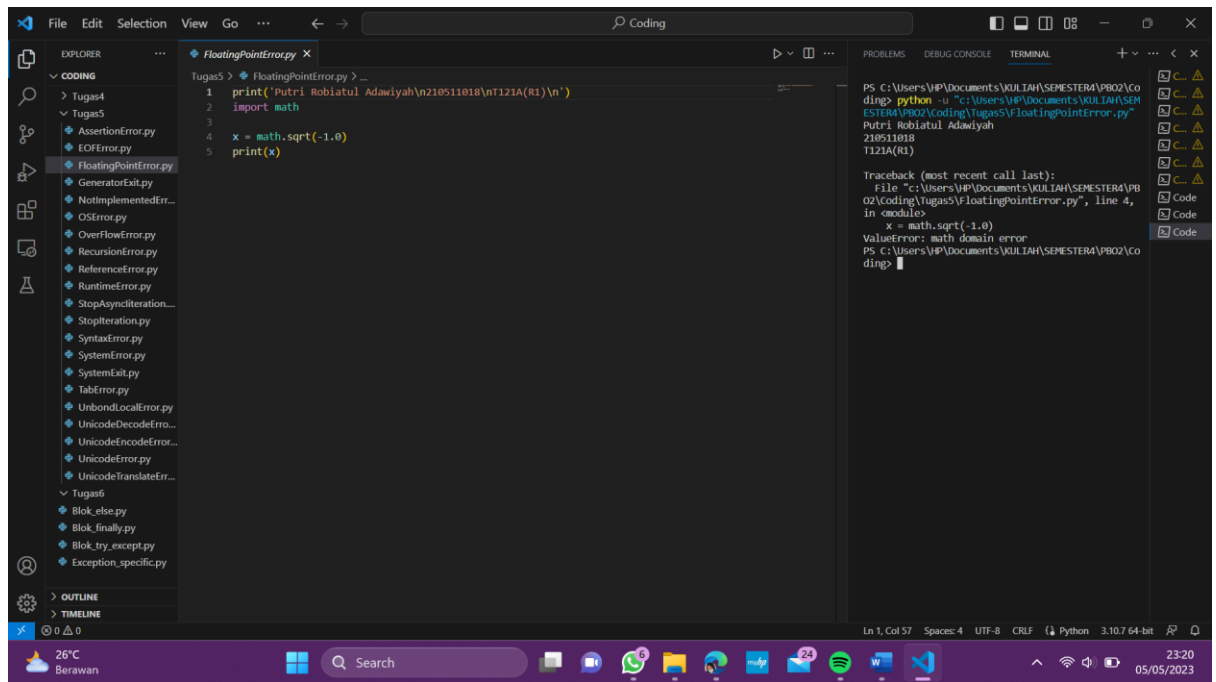


The screenshot shows the Visual Studio Code editor with a Python file named `EOFError.py` open. The code prompts the user to enter a number and handles `EOFError` and `ValueError` exceptions. The terminal window on the right shows the execution output, including the prompt "Enter a number: 100" and the subsequent `EOFError` message.

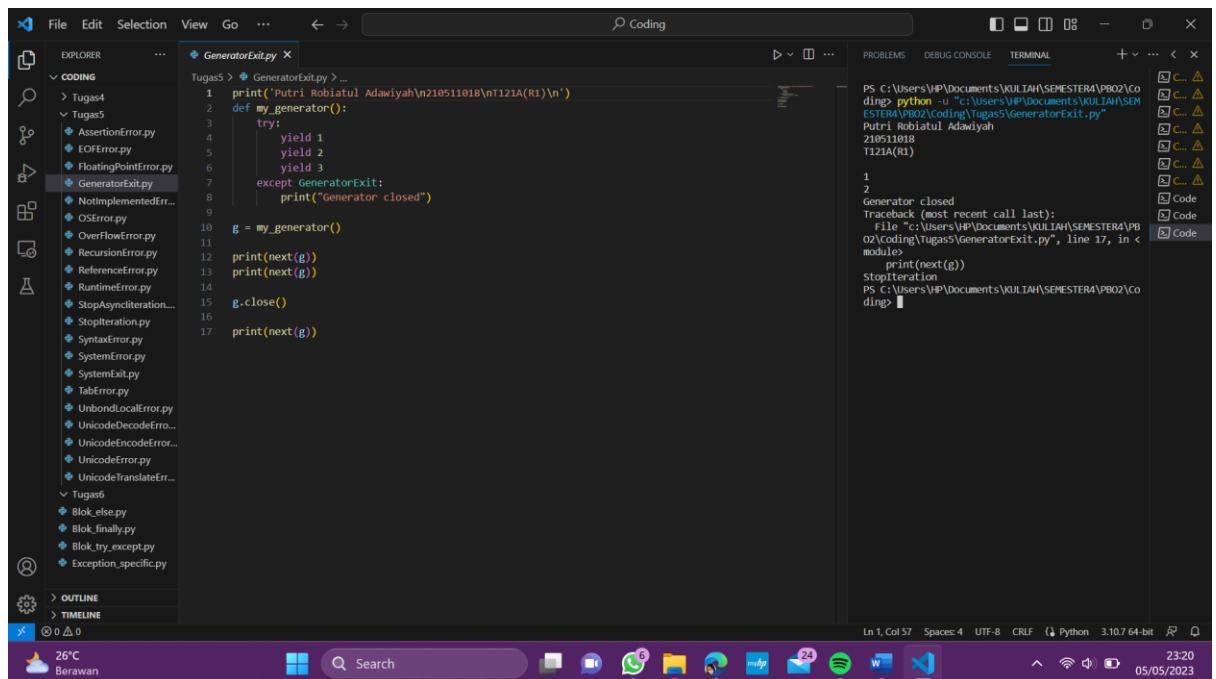
```
1 print('Putri Robiatul Adawiyah\n210511018\nTI21A(R1)\n')
2 try:
3     x = int(input("Enter a number: "))
4 except EOFError:
5     print("End of file reached")
6 except ValueError:
7     print("Invalid input")
```

Enter a number: 100  
EOFError: EOF when reading a line  
PS C:\Users\HP\Documents\KULIAH\SEMESTER4\VB02\Coding>

## 3. FloatingPointError



#### 4. GeneratorExit



#### 5. NotImplementedError

The screenshot shows the VS Code interface with a file named `NotImplem...py` open. The code defines a class `MyClass` with a method `my_method` that raises `NotImplementedError`. The terminal shows the command `python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\NotImplementedError.py"` and the resulting traceback, which points to line 7 in the file.

```
1 print('Putri Robiatul Adawiyah\n210511018\n12121A(R1)\n')
2 class MyClass:
3     def my_method(self):
4         raise NotImplementedError("Subclasses must override this method")
5
6 my_object = MyClass()
7 my_object.my_method()
```

```
PS C:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\NotImplementedError.py>
python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\NotImplementedError.py"

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12121A(R1)

Traceback (most recent call last):
  File "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\NotImplementedError.py", line 7, in <module>
    my_object.my_method()
  File "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\NotImplementedError.py", line 4, in my_method
    raise NotImplementedError("Subclasses must override this method")
NotImplementedError: Subclasses must override this method
PS C:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding>
```

## 6. OSError

The screenshot shows the VS Code interface with a file named `OSError.py` open. The code attempts to create a directory using `os.mkdir`. The terminal shows the command `python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\OSError.py"` and the resulting error message, which indicates that the directory already exists.

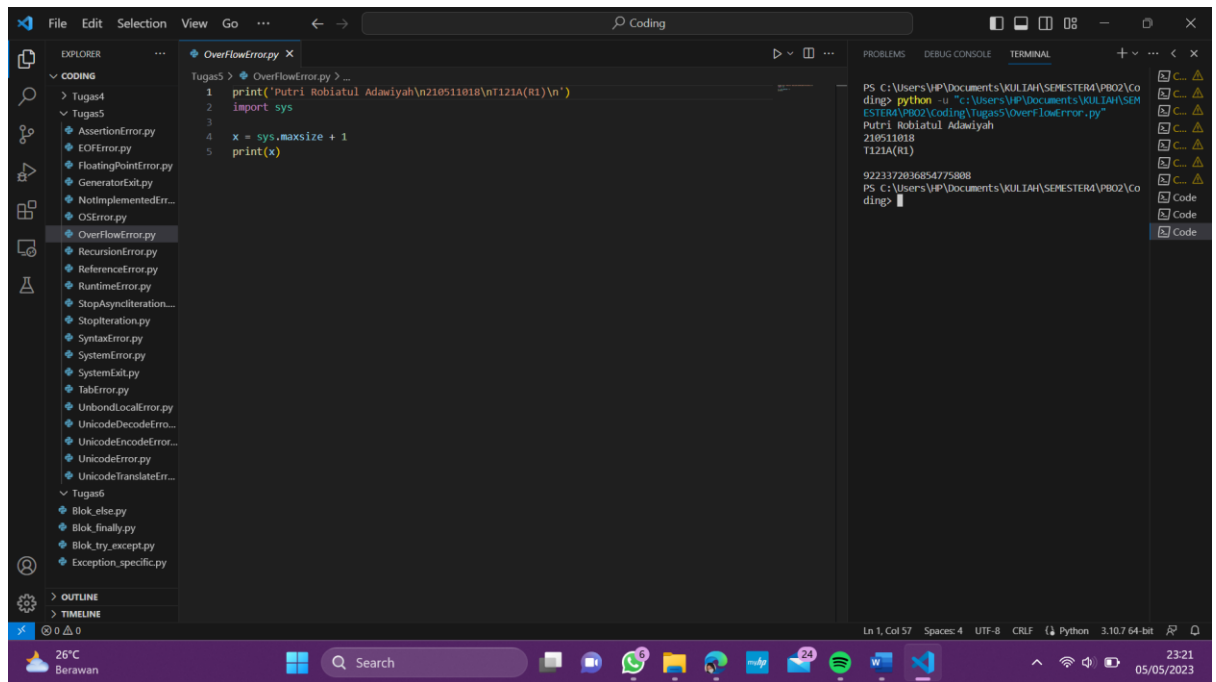
```
1 print('Putri Robiatul Adawiyah\n210511018\n12121A(R1)\n')
2 import os
3
4 try:
5     os.mkdir('/mydirectory')
6 except OSError as e:
7     print("Failed to create directory: ", e)
```

```
PS C:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\OSError.py>
python -u "c:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding\Tugas5\OSError.py"

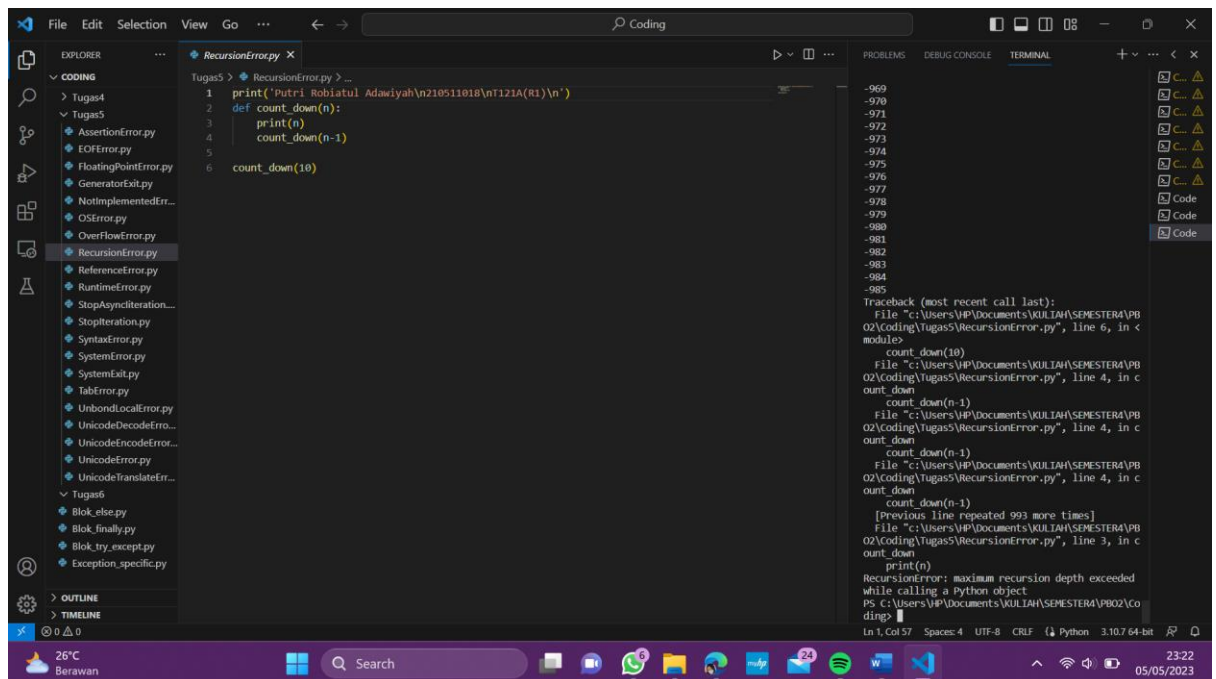
Putri Robiatul Adawiyah
210511018
12121A(R1)

Failed to create directory: [WinError 183] Cannot create a file when that file already exists: '/mydirectory'
PS C:\Users\VP\Documents\KULIAH\SEMESTER4\PROG2\Coding>
```

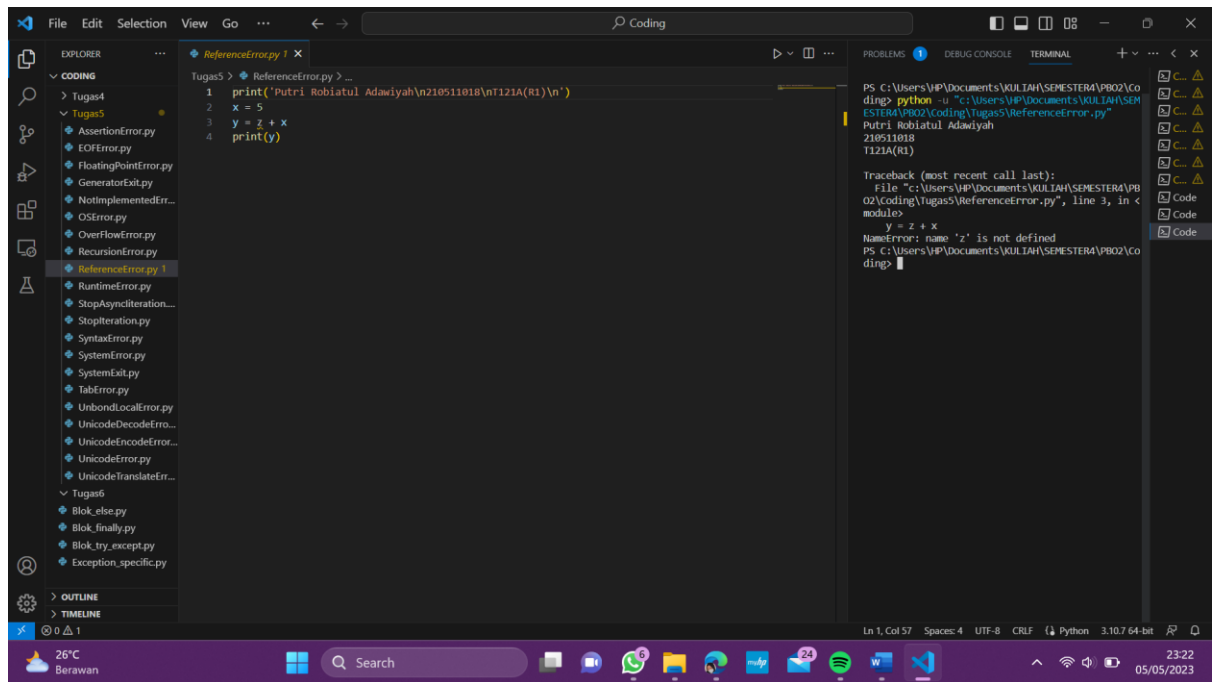
## 7. OverflowError



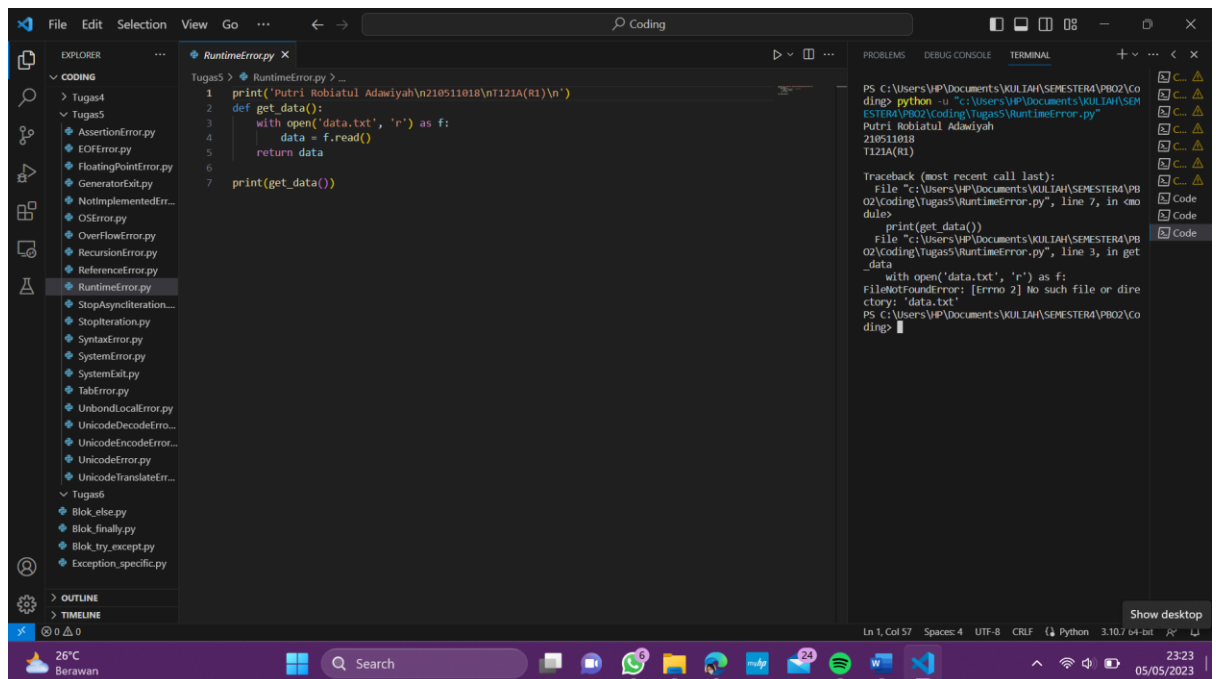
## 8. RecursionError



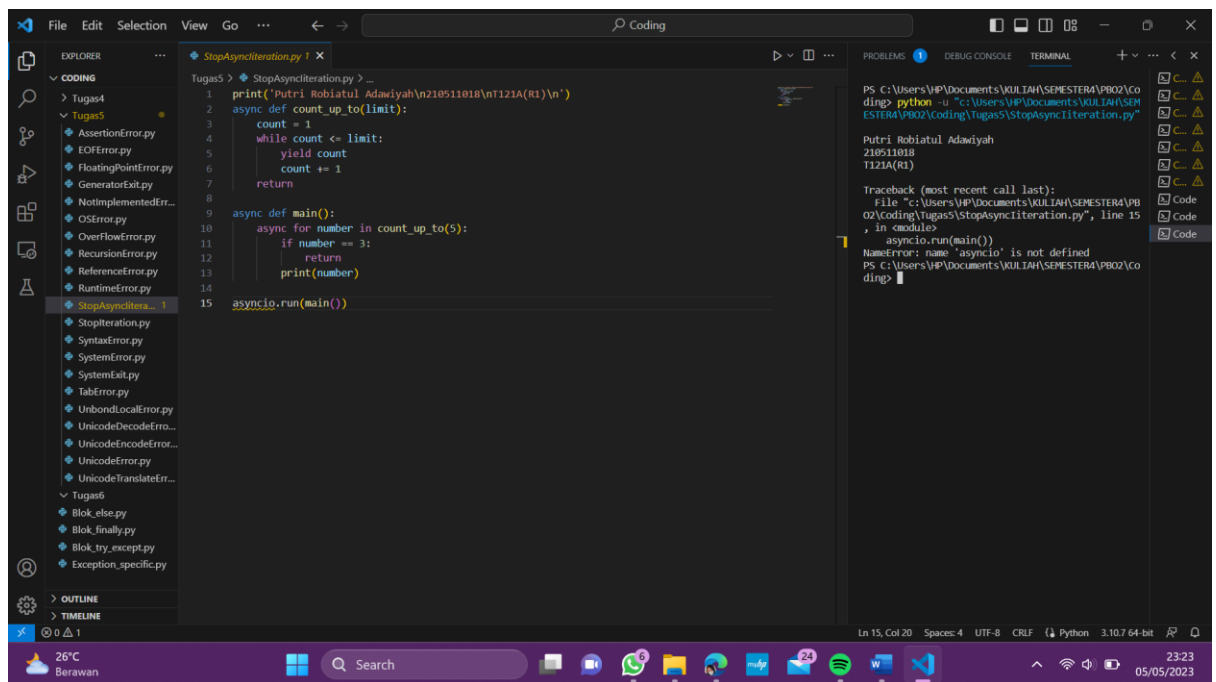
## 9. ReferenceError



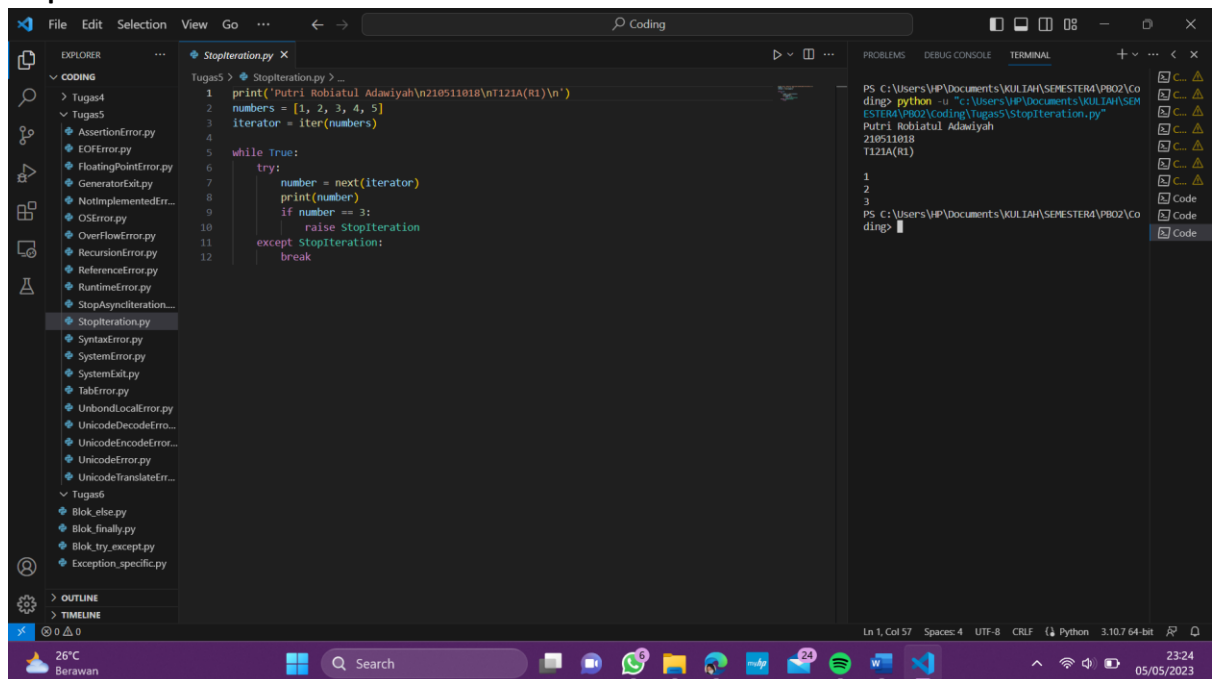
## 10. RuntimeError



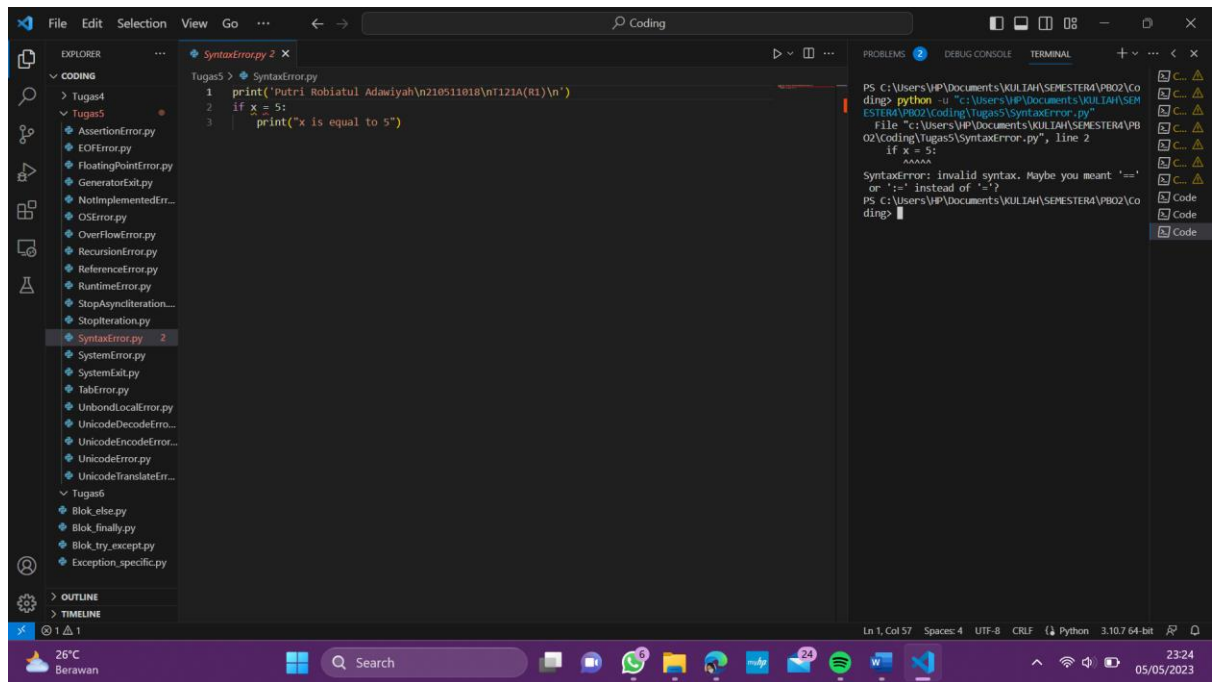
## 11. StopAsyncIteration



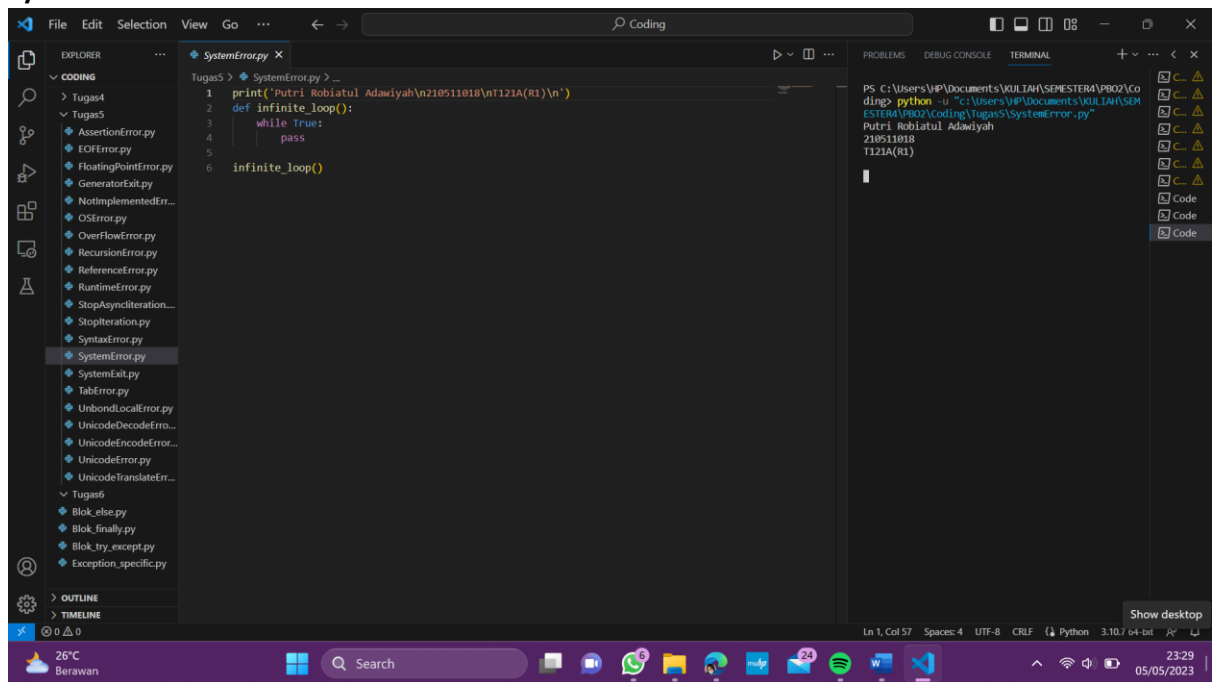
## 12. StopIteration



## 13. SyntaxError

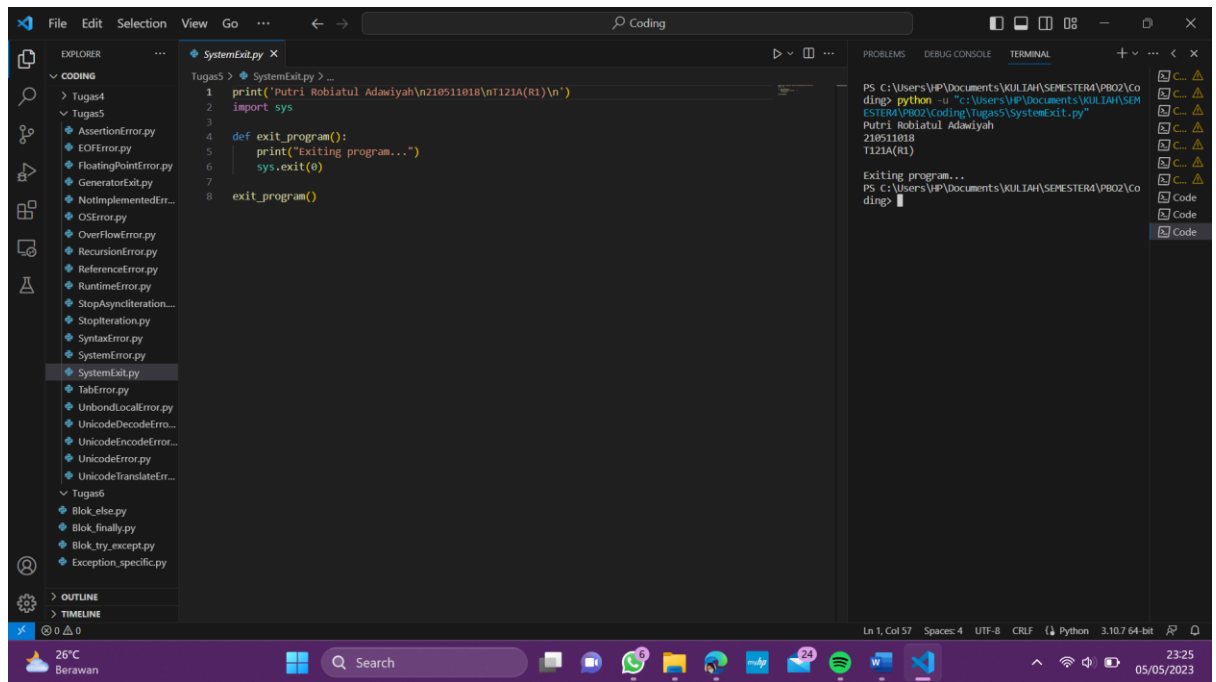


## 14. SystemError

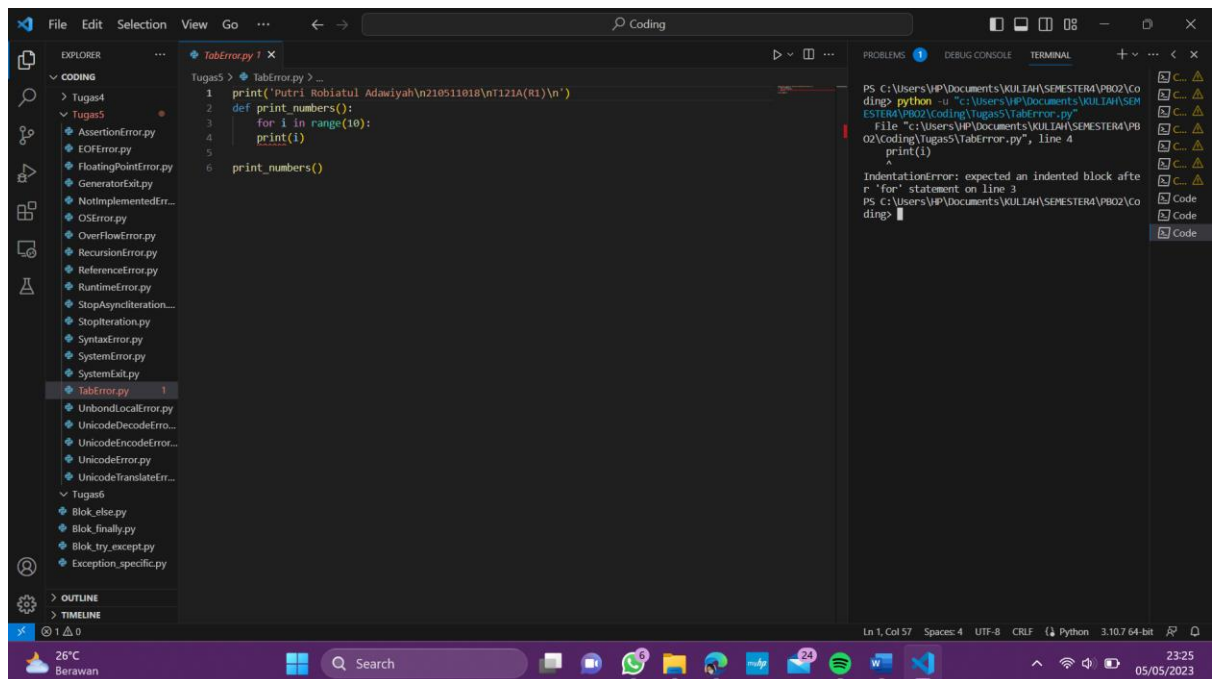


## 15. SystemExit



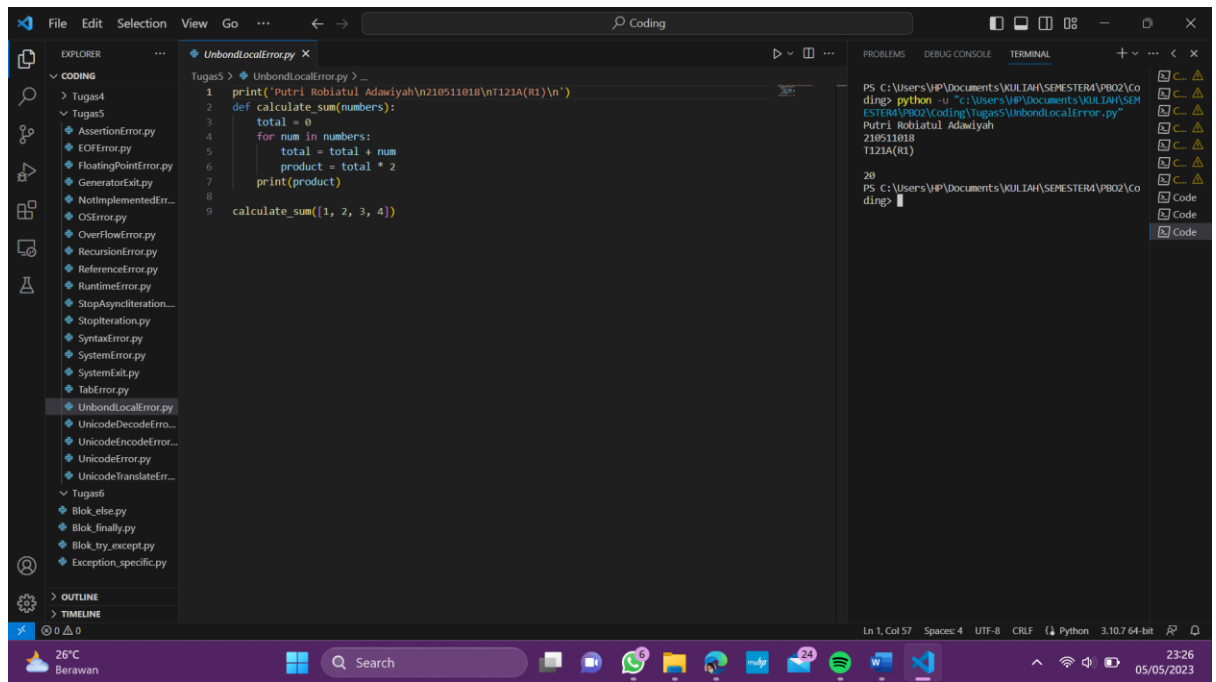


## 16. TabError

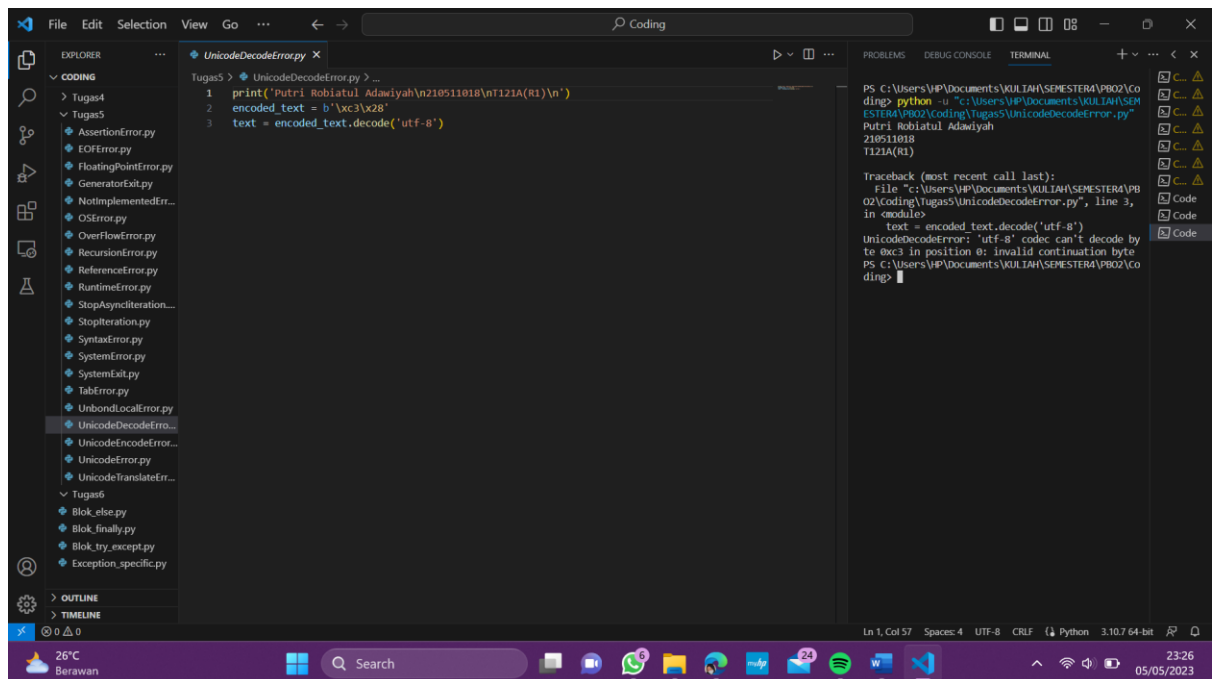


## 17. UnbondLocalError

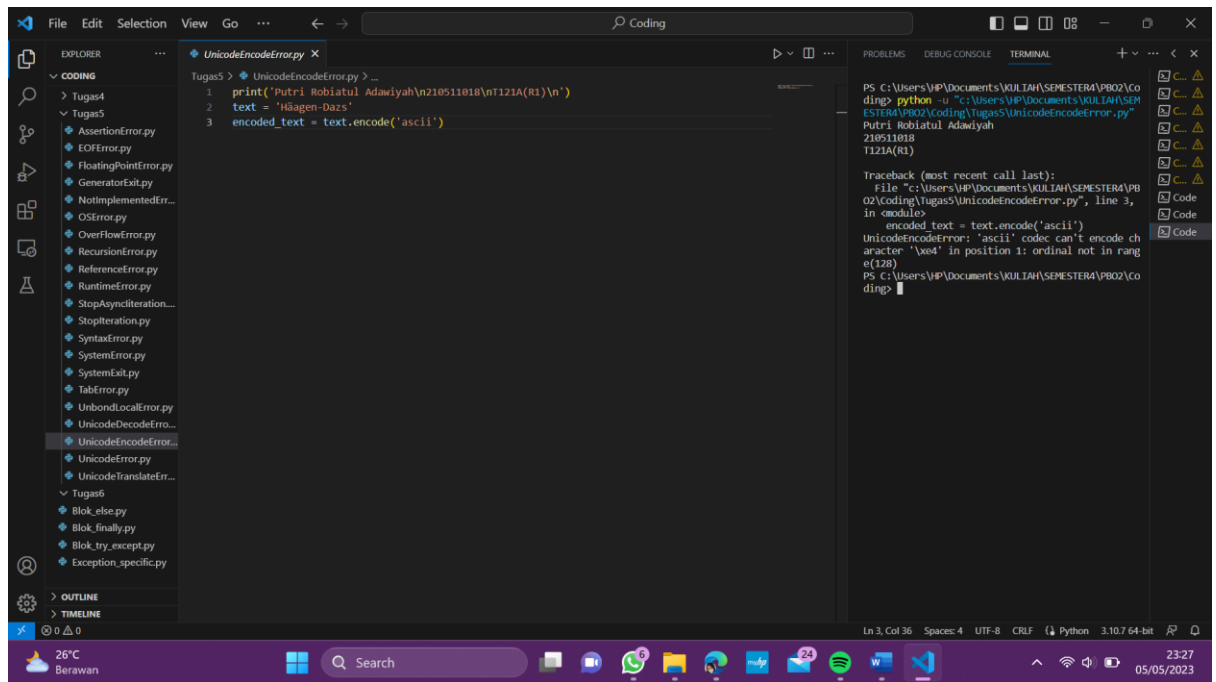




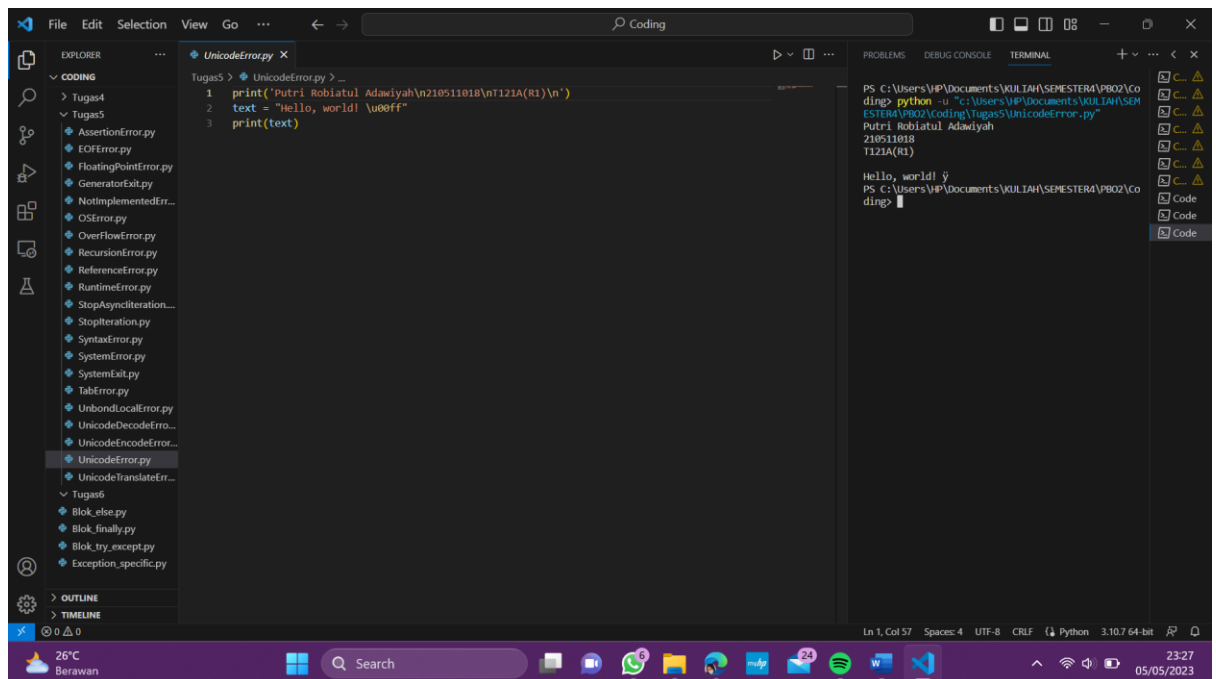
## 18. UnicodeDecodeError



## 19. UnicodeEncodeError



## 20. UnicodeError



## 21. UnicodeTranslateError

