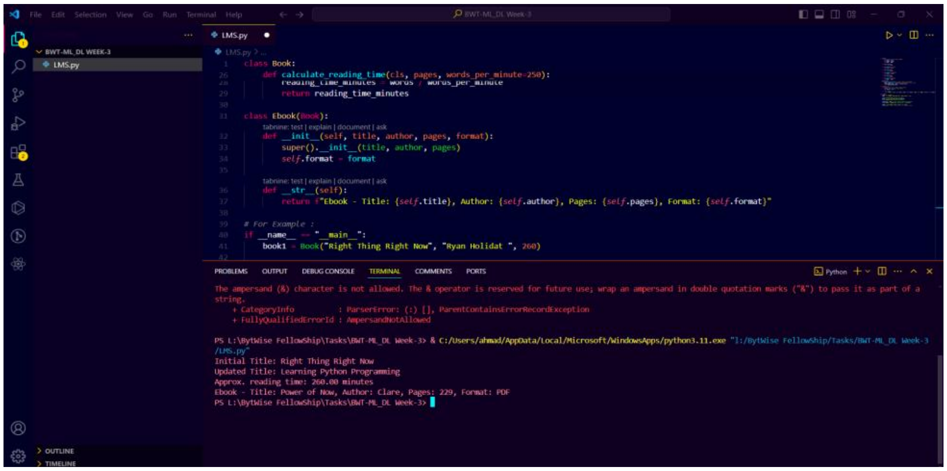
BWT Week 3 Task

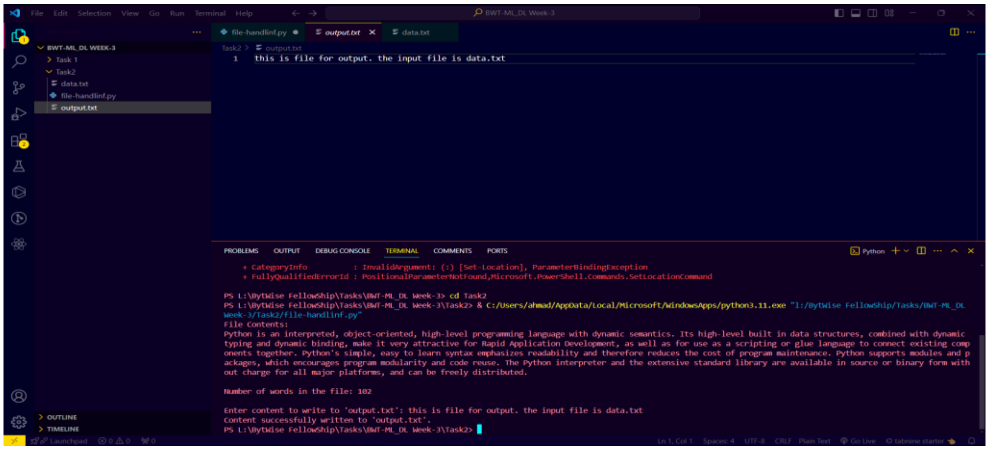
LMS.py Output



```python
class Book:
    def calculate_reading_time(cls, pages, words_per_minute=250):
        reading_time_minutes = words / words_per_minute
        return reading_time_minutes

class Ebook(Book):
    def __init__(self, title, author, pages, format):
        super().__init__(title, author, pages)
        self.format = format

    def __str__(self):
        return f"Ebook - Title: {self.title}, Author: {self.author}, Pages: {self.pages}, Format: {self.format}"

# For Example :
if __name__ == "__main__":
    book1 = Book("Right Thing Right Now", "Ryan Holidat ", 260)
```

```
The ampersand (&) character is not allowed. The & operator is reserved for future use; wrap an ampersand in double quotation marks ("&") to pass it as part of a
string.
    + CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
    + FullyQualifiedErrorId : AmpersandNotAllowed

PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3> & C:/Users/ahmad/AppData/Local/Microsoft/WindowsApps/python3.11.exe "l:/BytWise FellowShip/Tasks/BWT-ML_DL Week-3
/LMS.py"
Initial Title: Right Thing Right Now
Updated Title: Learning Python Programming
Approx. reading time: 260.00 minutes
Ebook - Title: Power of Now, Author: Clare, Pages: 229, Format: PDF
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3>
```

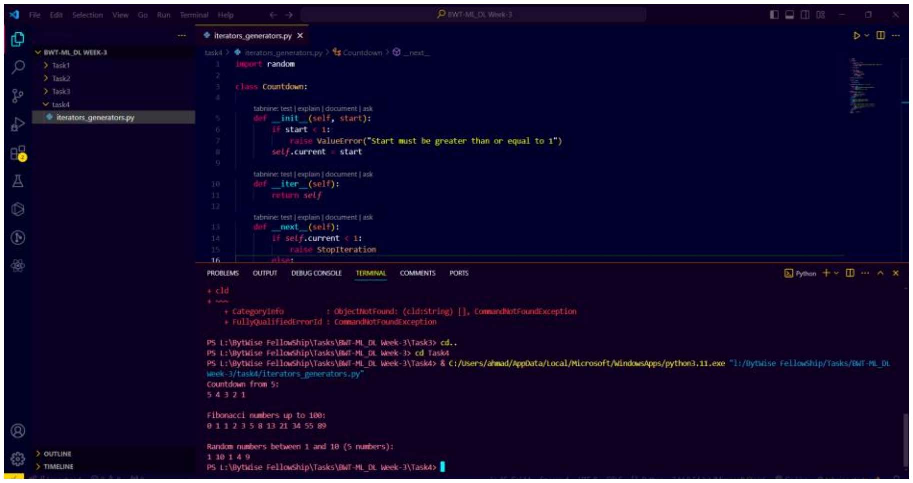
File Handling: output



```
this is file for output. the input file is data.txt
```

```
    + CategoryInfo          : InvalidArgument: (:) [Set-Location], ParameterBindingException
    + FullyQualifiedErrorId : PositionalParameterNotFound,Microsoft.PowerShell.Commands.SetLocationCommand

PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3> cd Task2
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3\Task2> & C:/Users/ahmad/AppData/Local/Microsoft/WindowsApps/python3.11.exe "l:/BytWise FellowShip/Tasks/BWT-ML_DL
Week-3/Task2/file-handlinf.py"
File Contents:
Python is an interpreted, object-oriented, high-level programming language with dynamic semantics. Its high-level built in data structures, combined with dynamic
typing and dynamic binding, make it very attractive for Rapid Application Development, as well as for use as a scripting or glue language to connect existing comp
onents together. Python's simple, easy to learn syntax emphasizes readability and therefore reduces the cost of program maintenance. Python supports modules and p
ackages, which encourages program modularity and code reuse. The Python interpreter and the extensive standard library are available in source or binary form with
out charge for all major platforms, and can be freely distributed.

Number of words in the file: 102

Enter content to write to 'output.txt': this is file for output. the input file is data.txt
Content successfully written to 'output.txt'.
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3\Task2>
```

Iterator Gen: output



```python
import random

class Countdown:

    def __init__(self, start):
        if start < 1:
            raise ValueError("Start must be greater than or equal to 1")
        self.current = start

    def __iter__(self):
        return self

    def __next__(self):
        if self.current < 1:
            raise StopIteration
        else:
```

```
+ cld
+ ~~~
    + CategoryInfo          : ObjectNotFound: (cld:String) [], CommandNotFoundException
    + FullyQualifiedErrorId : CommandNotFoundException

PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3\Task3> cd..
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3> cd Task4
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3\Task4> & C:/Users/ahmad/AppData/Local/Microsoft/WindowsApps/python3.11.exe "l:/BytWise FellowShip/Tasks/BWT-ML_DL
Week-3/task4/iterators_generators.py"
Countdown from 5:
5 4 3 2 1

Fibonacci numbers up to 100:
0 1 1 2 3 5 8 13 21 34 55 89

Random numbers between 1 and 10 (5 numbers):
1 10 1 4 9
PS L:\BytWise FellowShip\Tasks\BWT-ML_DL Week-3\Task4> 
```