Experiment 3.3

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Branch: CSE **Section/Group:607A**
Semester: 4th **Date of Performance: 28/04/2022**
Subject Name:Programming in Python Lab **Subject Code: 22E-20CSP-259**

1) **Aim/Overview of the practical:**

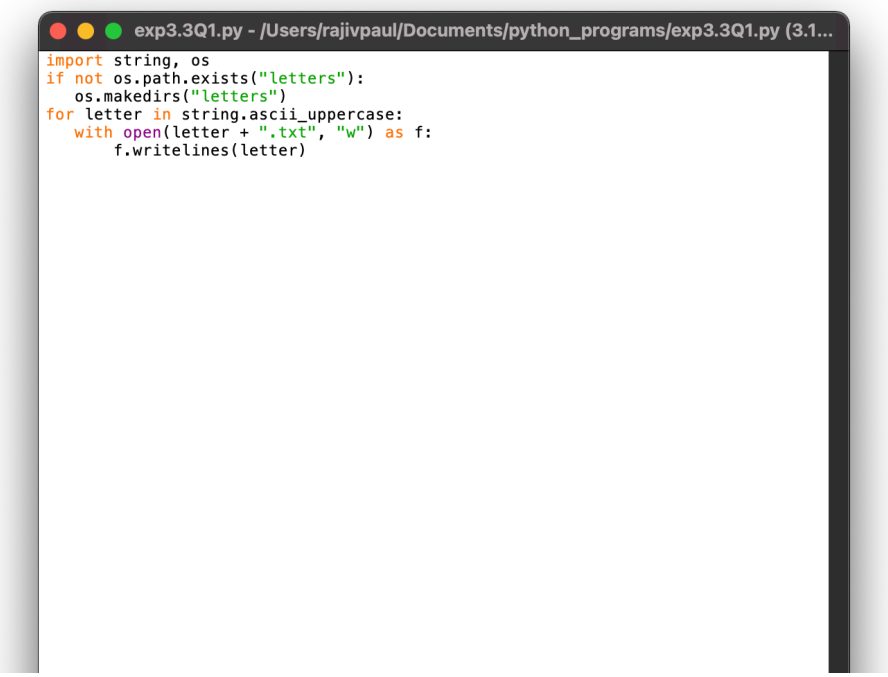
Q1. Write a Python program to generate 26 text files named A.txt, B.txt, and so on up to Z.txt

2) Task to be done/ Which logistics used:

To write a python program to generate 26 text files named A.txt, B.txt, and so on up to Z.txt

3) Algorithm/Flowchart (For programming based labs):

4) Steps for experiment/practical/Code:



5. Observations/Discussions/ Complexity Analysis:

6. Result/Output/Writing Summary:

1) **Aim/Overview of the practical:**

Q2. Write a Python program to create a file where all letters of English alphabet are listed by specified number of letters on each line

2) Task to be done/ Which logistics used:

To write a python program to create a file where all letters of English alphabet are listed by specified number of letters on each line

3) Algorithm/Flowchart (For programming based labs):

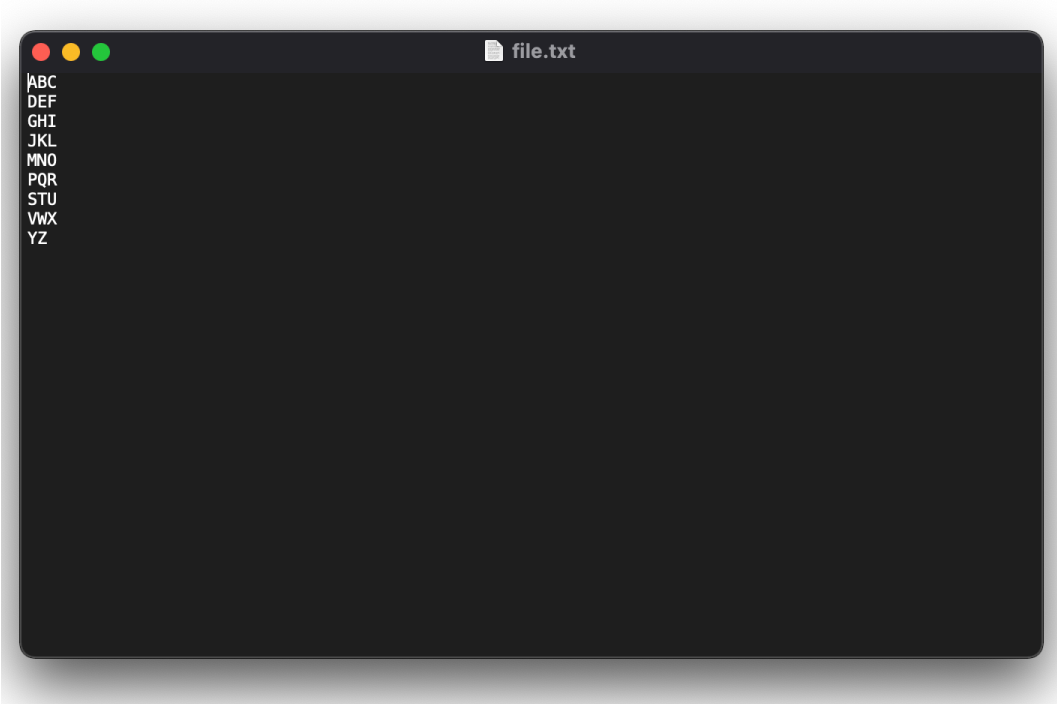
4) Steps for experiment/practical/Code:

exp3.3Q2.py - /Users/rajivpaul/Documents/python_programs/exp3.3Q2.py (3....

```
import string
def letters_file_line(n):
   with open("file.txt", "w") as f:
       alphabet = string.ascii_uppercase
       letters = [alphabet[i:i + n] + "\n" for i in range(0, len(alphabet), n)]
       f.writelines(letters)
letters_file_line(3)
```

5. Observations/Discussions/ Complexity Analysis:

6. Result/Output/Writing Summary:



1) **Aim/Overview of the practical:**

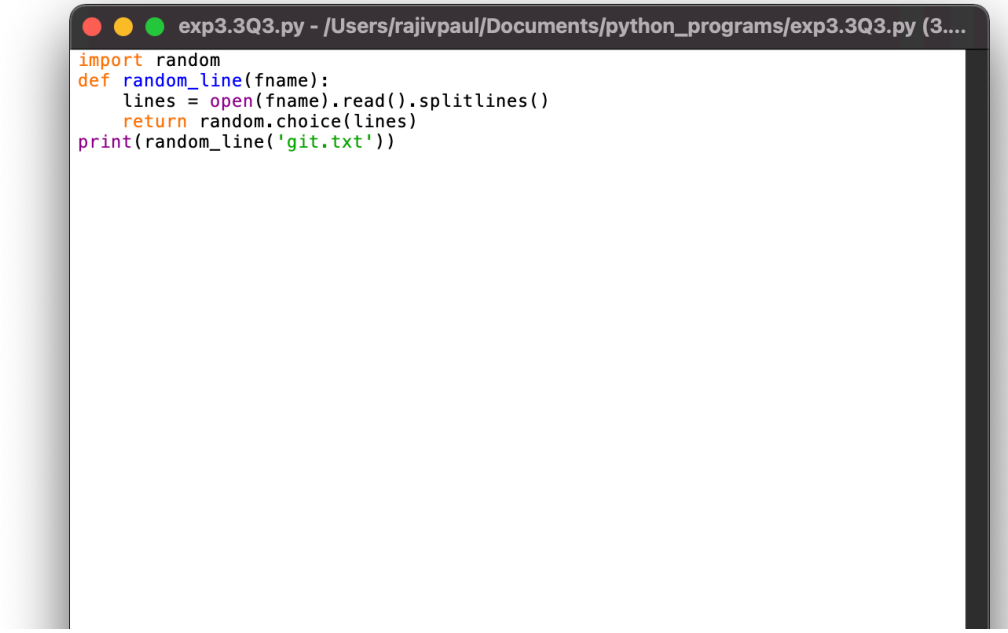
Q3. Write a Python program to read a random line from a file.

2) Task to be done/ Which logistics used:

To write program to read a random line from a file.

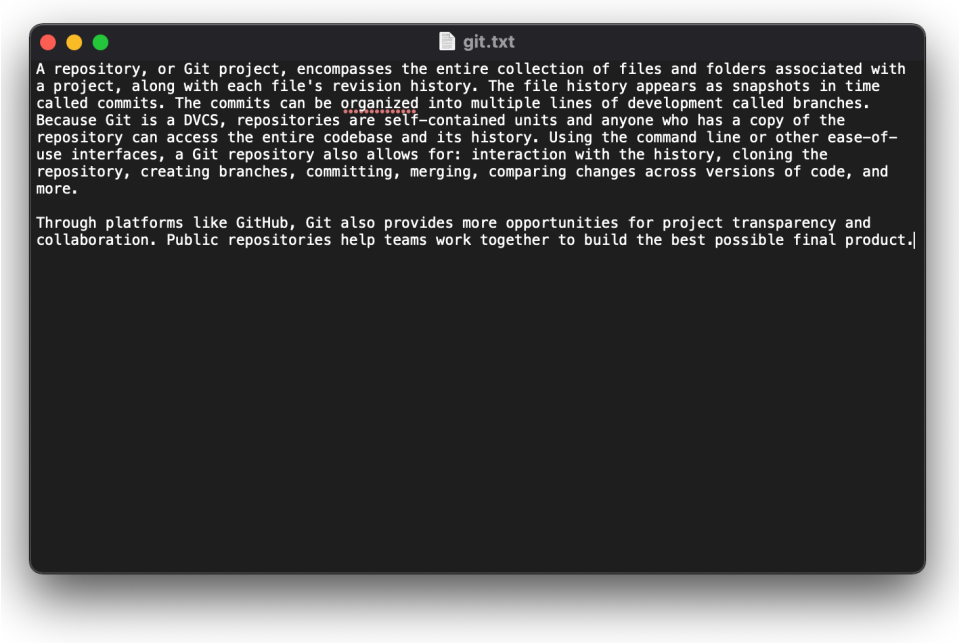
3) Algorithm/Flowchart (For programming based labs):

4) Steps for experiment/practical/Code:

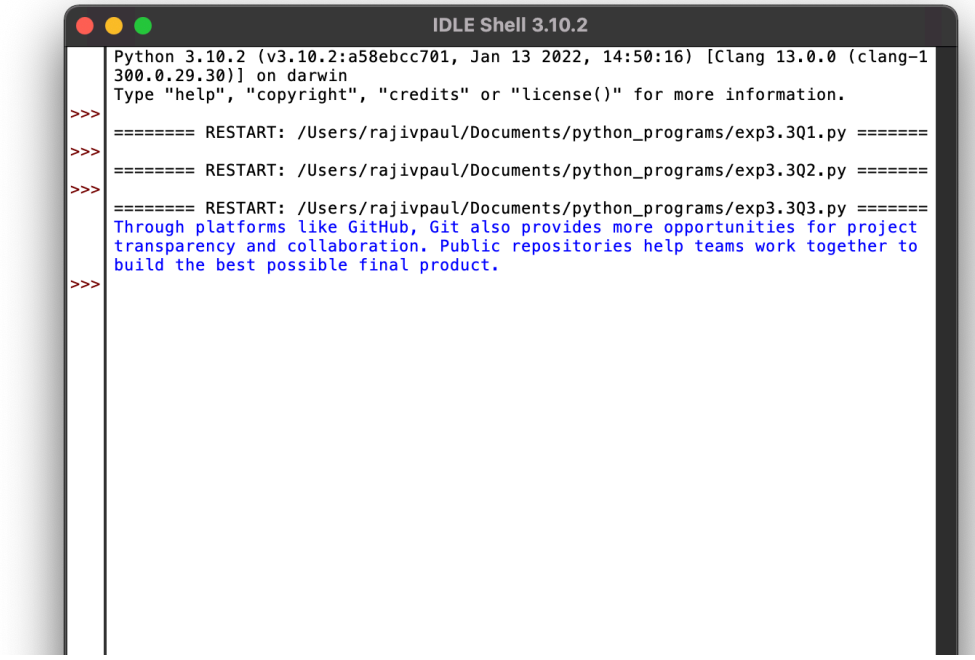


5. Observations/Discussions/ Complexity Analysis:

git.txt file used for the program:



6. Result/Output/Writing Summary:



1) **Aim/Overview of the practical:**

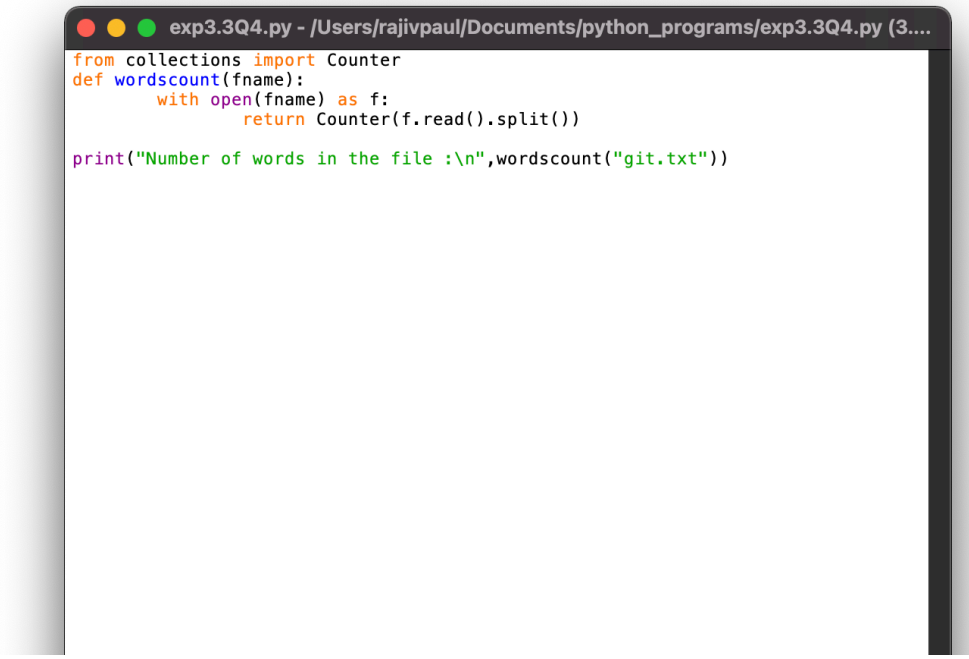
Q4. Write a Python program to count the frequency of words in a file.

2) Task to be done/ Which logistics used:

To write a python program to count the frequency of words in a file.

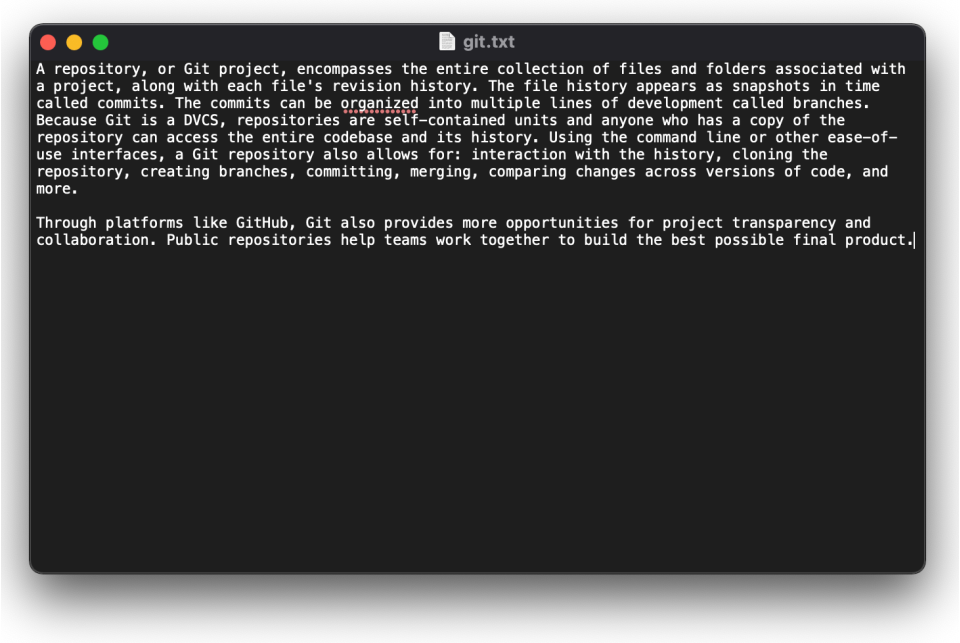
3) Algorithm/Flowchart (For programming based labs):

4) Steps for experiment/practical/Code:

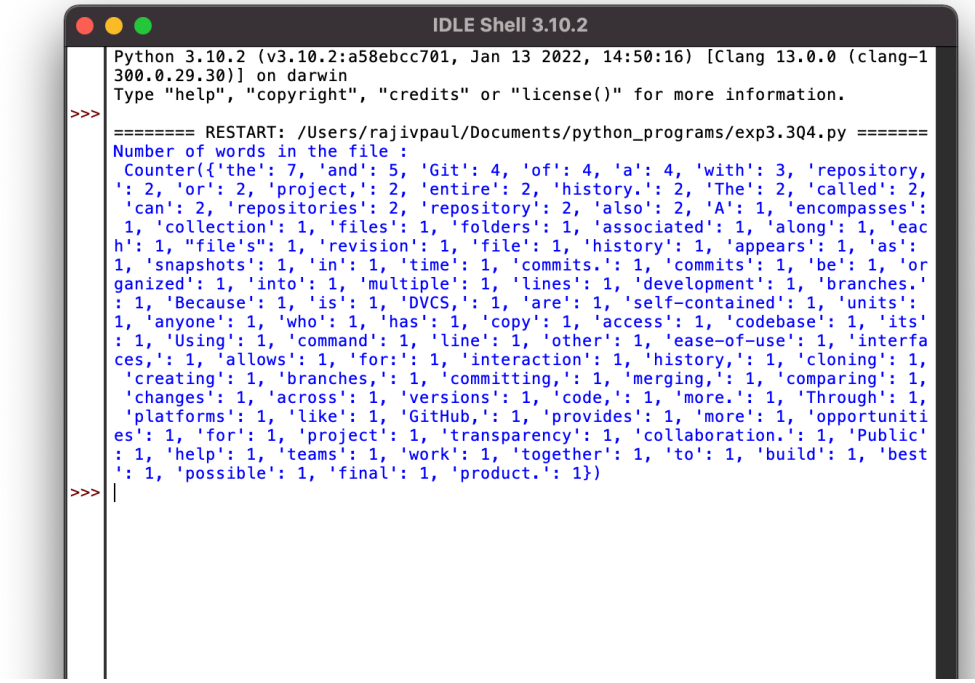


5. Observations/Discussions/ Complexity Analysis:

git.txt file used for the program:



6. Result/Output/Writing Summary:



1) **Aim/Overview of the practical:**

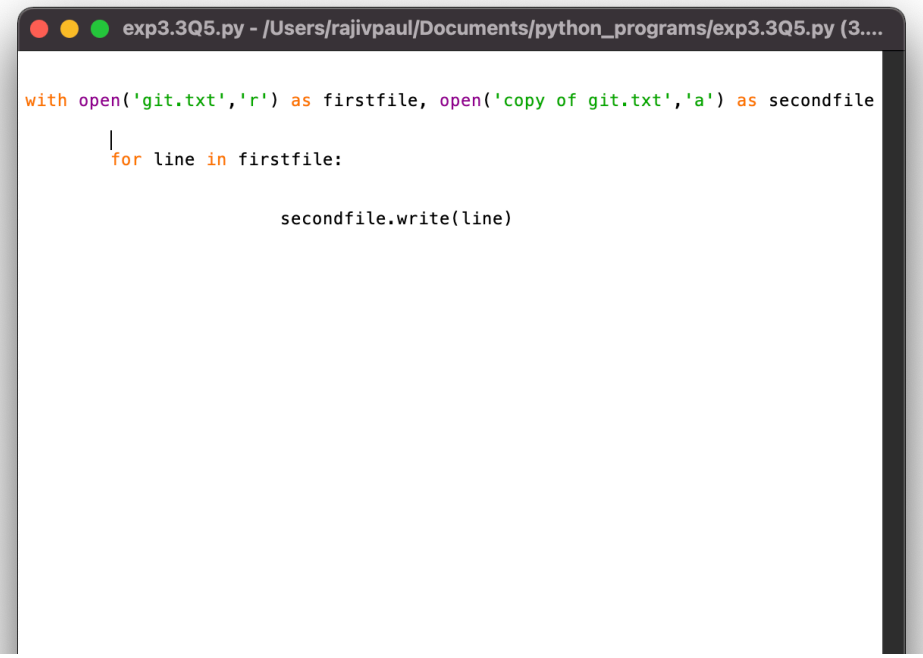
Q5. Write a Python program to copy the contents of a file to another file.

2) Task to be done/ Which logistics used:

To write a python program to copy the contents of a file to another file.

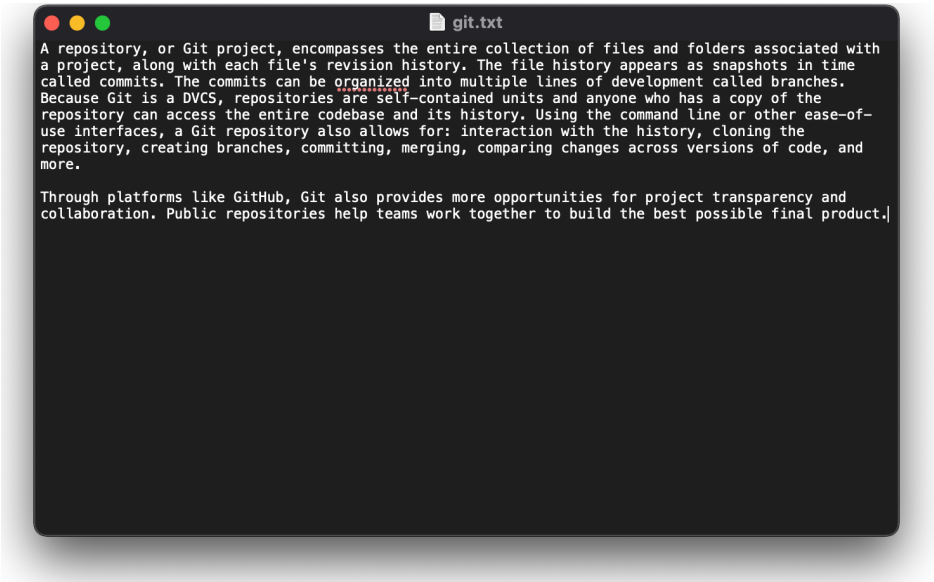
3) Algorithm/Flowchart (For programming based labs):

4) Steps for experiment/practical/Code:

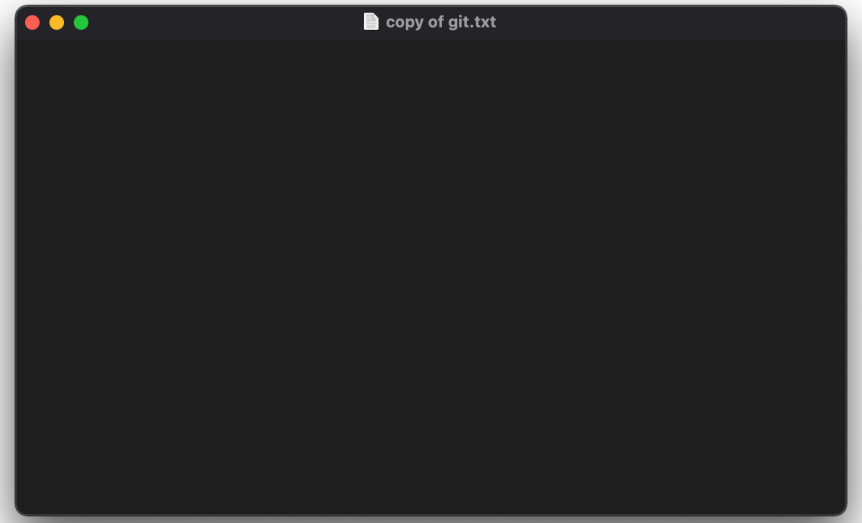


5. Observations/Discussions/ Complexity Analysis:

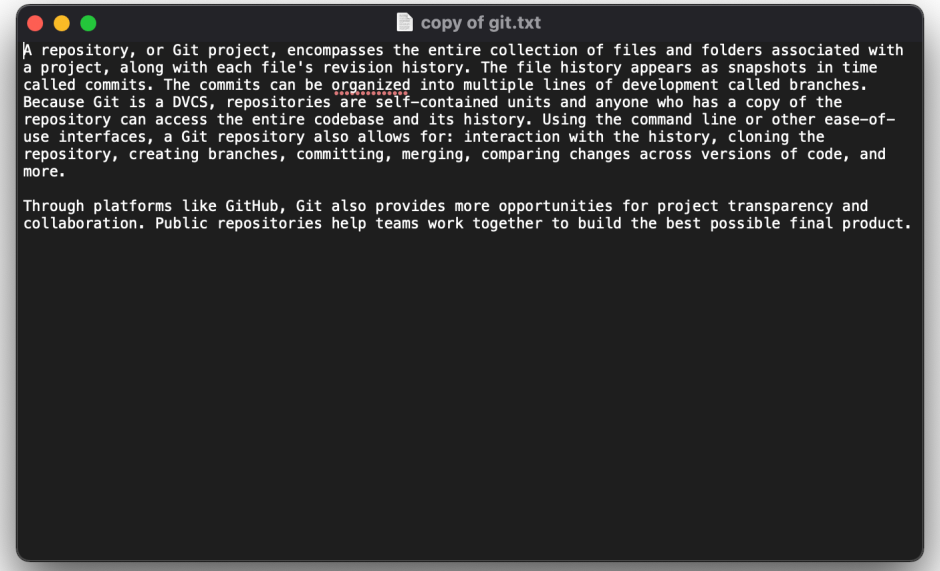
git.txt file used for the program:



copy of git.txt file used for the program:



6. Result/Output/Writing Summary:



Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			