

Exercise 5

Write a program to create a text file and compute the number of characters, words, and lines in a file.

Code

```
filename = input("Enter the filename: ")
with open(filename, 'w') as f:
    f.write("Python Programming\nOperating System\nMultimedia & Animation")
num_chars = num_words = num_lines = 0
with open(filename, 'r') as f:
    for line in f:
        num_lines += 1
        words = line.split()
        num_words += len(words)
        num_chars += len(line)
print(f"Number of characters: {num_chars}\nNumber of words: {num_words}\nNumber of lines: {num_lines}")
```

Output

```
Enter the filename: a.txt
Number of characters: 67
Number of words: 8
Number of lines: 3
```

Date of Submission		Signature of the Faculty	
Remarks			