

Assignment 2

1. Write a script that adds a user-defined prefix or suffix to all files in a directory.
2. Search recursively for files with a given extension or larger than a specified size.
3. Generate Fibonacci series up to a given number of terms.

Example Output:

Enter limit: 8

0 1 1 2 3 5 8 13

4. Check if a file is readable, writable, or executable by the user.
5. Display system information (date, uptime, users, memory, disk usage).
6. Continuously monitor and log top memory-consuming processes.
7. Take a filename as input and display the number of lines, words, and characters.
8. Accept multiple numbers and sort them in ascending order.
9. Calculate the GCD and LCM of two given numbers.
10. Check whether an entered string is a palindrome or not.
11. Calculate and display the length of a string.
12. Reverse a given string.
13. Concatenate two input strings.