

LAB Assignment 3

Operating Systems (UCS-303)

Instructions: The instructor is required to discuss the basic syntax of shell programming; students have to implement the following programs using shell script.

1. Write a shell program to add two numbers.
2. Write a shell program to compare two strings using command prompt.
3. Write a shell program to generate Fibonacci series.
4. Write a shell program to check whether a character is VOWEL or CONSONANT using switch.
5. Write a shell program to display the total number of words and total number of lines in a file.
6. A script that takes a filename as input and displays information about the file, such as its size, permissions, owner, and modification time.
7. Create a script that displays information about the system, such as the OS version, CPU, memory, disk usage, and network details.

ONLINE Compiler: <https://www.mycompiler.io/new/bash>