

Lassonde School of Engineering

EECS 2032

LAB 2

Objective

To write simple shell scripts using conditional statements and loops.

Part 1

Write a bash script that accepts a variable number of command line arguments/parameters (all integers) and display the sum of all the arguments.

If there are no command line arguments, the script should display “No numbers to add”

Save with file name lab2_1.sh

Part 2

Write a shell script that accepts two arguments. The first is a string, the second is a file name. The script searches the file for the string, then it displays one of these messages.

1. If the string is in the file, it should display “*word* does exist in *file_name*”, where *word* is the string that is the first command line argument, and *file_name* is the name of the file given in the command line arguments
2. If the string is not in the file, it should display “*word* does not exist in *file_name*”, where *word* is the string that is the first command line argument, and *file_name* is the name of the file given in the command line arguments
3. If the file does not exist, it should display “*file_name* does not exist” where *file_name* is as explained above

Save with file name lab2_2.sh

Part 3

Write a shell script that takes three parameters (integers) and displays the median number. If the number of parameters is not three, it should display "Just three numbers please". If there are two numbers with the same value, it should display "Sorry median here does not mean anything"

Save with file name lab2_3.sh