CSE321 LAB: Operating Systems

Assignment 1

Deadline: August 31, 2020

Total Marks: 20

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| 1 | Write down shell commands to do the following:   * Delete all the files and folders from a directory * Show the files in a directory * Find all the .txt files in a folder * Check for the given string in multiple files * Write a command to give only read and execution permission of a file to owner, group and user | 5 |
| 2 | Write a shell script to find the Fibonacci series up to given number.  Sample input: 20  Sample output: 1 1 2 3 5 8 13 | 5 |
| 3 | Write a shell script to make a simple calculator that can carry on four operations: addition (+), subtraction (-), multiplication (\*) and division (/). Each of these operations will be implemented in separate methods. Prompt the user for the type of operation they wish to do and then the operands.  Sample input: Which operation would you like to do?  +  Operand 1: 2  Operand 2: 2  Sample output: The result is 4 | 5 |
| 4 | Write a script that takes a number and finds the sum of all the digits constituting the number.  Sample input: 235  Sample output: 10 | 5 |