

Unix Lab 2 Bash (2023) Do 5 out of 6

1. Write a shell script program or a single command line operation to print the names of everyone currently logged-in on the system. You may want to use `uniq`.
2. Write a shell script program or a single command line operation to run all executable files in a specified directory.
3. Write a program or a single command line operation which will delete in a user specified directory files containing the words fish, phish, or phyt. Note: if the file contains the words like fisherman, amphishery, phytoplankton, or other words containing the three previously specified words, this is not sufficient reason to delete the file.
The program should also print the name of any file it deletes. For the purpose of this exercise you will need to create several files, some of which match the criteria.
4. Write a program or a single command line operation which will print to the screen any file starting with the string `#include`. For the purpose of this exercise you will need to create several files, some of which match the criteria.
5. Write a program or a single command line operation which will go through all the files in the current directory and append to them the words "I WAS HERE." For the purpose of this exercise you will need to create several files.
6. Write a program or a single command line operation which will go through all files and files in subdirectories of a user specified directory and print into a file the subdirectory names followed by the files names found in each subdirectory. The program should work for any depth of subdirectories. For the purpose of this exercise you will need to create several files, and subdirectories.