

# Shell Scripting Exercises (2)

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*Exercise\_1 - Write a shell script that accepts a file or directory name as an argument. Have the script report if it is regular file, a directory, or another type of file. If it is a directory, exit with a 1 exit status. If it is some other type of file, exit with a 2 exit status.*

*Exercise\_2 - Write a script that executes the command “cat/etc/shadow”. If the command return a 0 exit status, report “command succeeded” and exit with a 0 exit status. If the command returns a non-zero exit status, report “Command failed” and exit with a 1 exit status.*

*Exercise\_3 - Write a shell script that consists of a function that displays the number of files in the present working directory. Name this function “file\_count” and call it in your script. If you use variable in your function, remember to make it a local variable.*

*Exercise\_4 - Modify the script from the previous exercise. Make the “file\_count” function accept a directory as an argument. Next, have the function display the name of the directory followed by a colon. Finally display the number of files to the screen on the next line. Call the function three times. First on the “/etc” directory, next on the “/var” directory and finally on the “/usr/bin” directory.*