CSCI 275 - UNIX Scripting

**Homework 01**

Develop a shell script that when provided two valid filenames will provide information about each file and then compare and contrast them.

Your script should provide (at a minimum) the following information about each:

• The names of the files.

• The size of the files.

• Whether or not the file is writeable or executable.

• Provide a guess about what the content in the files are.  
 (Hint: there’s a command for that.)

Your script should also perform a comparison of at least two of the information items about the file that you determine above – except for just comparing the file names.

Your script should also ensure that it tests the parameters provided to it. The following conditions should be handled as errors:

• Two different file names are not provided.

• Either of the filenames does not exists.

• Either of the filenames provided is not an ordinary file.

• The person running the script does not have read access to ether file.

You should produce a well commented script file, which (politely) tells the user how to use the script and provides feedback on any problems with the parameters provided by the user.

Name your script hw1.sh

Upload your completed script using the submit command from a lab machine:

**$ submit 275 hw1.sh**