OSSE1100 - Assignment 02

Objective
Create a BASH Shell Script to copy a collection of files from one directory to another, giving the user a prompt for each file

Step 1
Create a BASH shell script called "**copyPrompt.sh**"

The script requires 2 arguments, a Source Directory and a Destination Directory. If the arguments are not supplied, your script should prompt the user for them.

The script will then
- Check that the first argument - Source Directory:
    - If this is not a <u>directory</u>, display an error message, and exit
- Check the second argument - Destination Directory:
    - If this exists and is a <u>file</u>, display an error message, and exit
    - If the directory does not exist:
        - Prompt the user "Destination Directory does not exist, create it ?"
        - If the user enters "y" or "yes", <u>create the directory</u> and continue
        - Otherwise, exit

The script will then <u>loop over each file</u> (or directory) in the source, and
- If the current file is a directory, skip it
- Display the file name
- If the file already exists in the Destination Directory
    - Prompt the user - "Overwrite this file ?"
- Otherwise
    - Prompt the user - "Copy this file ?"
- If the user enters "y" or "yes", copy the file to the Destination Directory

Step 2
Demonstrate that your script is working by :
- create a test directory with some sample files,
- use the "`script`" command to create a LOG file - "testPart1.txt"
- use "`ls -l`" in both the source & destination directories before you close the LOG

Submit to the Dropbox both the shell script and the test LOG file.