

## Bash Homework 2

CS 6014 Introduction to Computation as a Research Tool

February 2013

Due: 27 Feb. 2013

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### Information for Submission Requirements:

- Upload your bash script as an attached file;
  - Paste output from a sample run of the script into the textbox in Collab.
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### Background:

For this assignment, you will need to understand conditionals and if statements in bash. These topics are covered in the slides in Collab, listed under [Resources > Unix and Bash > Bash Scripting](#):

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### Task:

Write a bash script that performs the following actions:

1. Checks whether you have a directory called some\_pics and if not, creates it
2. Changes directory into some\_pics.
3. Counts the number of files that are in the directory.
4. If there are no files in the directory, it does the following:
  - a. Checks that the directory /share/apps/tutorials/unix/funny\_pics exists.
  - b. If it exists, copies the contents into the current directory; else, writes to the screen "You are out of luck!"
  - c. Counts the number of files that are now in the directory.
5. Print a message: "The number of files is" followed by the number.
6. If the number of files is < 20, prints a message "You need more funny pictures!"; else prints a message "You have too many funny pictures!"
7. Checks whether there is a file with the string "racoan" in it, and if so prints "The file spells it racoon,"; else, checks whether a file contains the string "raccoon" and if it finds, it prints "The file spells it raccoon"; otherwise if it can't find either of those spellings, it prints "I couldn't find a raccoon file."

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Note: You are on your honor to do your own work on this assignment.