

HW01 - Basic bash commands

Stat 159, Fall 2016

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Objectives

- Work with shell commands
- Track your commands

Create a text file and name it like `stat159-hw01-first-last.txt` (where “first” and “last” are your first and last names: e.g. `stat159-hw01-gaston-sanchez.txt`). Use the text file to write the shell commands for the following instructions:

- Create a directory `stat159-hw01`
- Change to the directory `stat159-hw01`
- Find out how to use the command `curl` to download the following text files:
 - `http://textfiles.com/food/bread.txt`
 - `http://textfiles.com/food/btaco.txt`
 - `http://textfiles.com/food/1st_aid.txt`
 - `http://textfiles.com/food/beesherb.txt`
- Use the command `curl` to download the following csv files:
 - `http://archive.ics.uci.edu/ml/machine-learning-databases/forest-fires/forestfires.csv`
 - `http://www.math.uah.edu/stat/data/Fisher.csv`
 - `http://web.pdx.edu/~gerbing/data/cars.csv`
- Print your working (i.e. current) directory
- List the contents in your current directory
- List the contents in your current directory in long format, displaying the results in alphabetical order
- Create a directory `data`
- Change to the directory `data`
- Create a directory `txt-files`
- Create a directory `csv-files`
- Move the downloaded files with extension `.txt` to the directory `txt-files`
- Move the downloaded files with extension `.csv` to the directory `csv-files`
- Go back to the parent directory `stat159-hw01`
- Create a directory `copies`
- Copy all the `.txt` files in the directory `copies`
- Copy all the `.csv` files in the directory `copies`
- Change to the directory `copies`
- Rename the file `Fisher.csv` as `iris.csv`
- Rename the file `bread.txt` as `bread-recipe.txt`
- Change to the parent directory (i.e. `stat159-hw01`)
- Rename the directory `copies` as `copy-files`
- Delete the directory `copy-files`
- List the contents of the directory `txt-files` displaying the results in reverse (alphabetical) order

What to turn in

Submit your text file (containing the bash commands) to bCourses