CSE 2031 SOFTWARE TOOLS, SUMMER 2014 LAB 10

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1. Introduction

This lab is meant to provide you with exercises in UNIX utilities such as `ls`, `grep`, `wc`, and basic bash scripting skills such as using pipes, writing loops and using command line parameters.

- You should check the documentation (`man`) for `ls`, `grep`, `wc`.
- Use `ls` to list ALL files in your home directory
- Find all files in your home directory that start with 'a' or 'A'
- Use pipe and `wc` command to count files that start with 'a' or 'A' in your home directory

2. Requirements

- Write a shell script called `lab10.sh`.
- Your script should use a command line parameter to get the letter from the user
- It should find all files in your home directory that start with letter given by the user
- It should print all the files and the number of found files at the end

3. Example

```
\> lab10.sh a

    aaa.txt
    ababa.pdf
    addd.doc
    Ahdhdh.txt

    found 3 files
```

4. Submission

Submit your work using the submit command. Submit entire folder lab10

```
submit 2031 lab10 lab10.sh
```