CS367 Lab 2A

Begin by copying the file **/usr/local/cs367/lab02.tar.gz (**on **cs367.sou.edu)** into your home directory. Untar and uncompress the file, and then **cd** into the directory **lab02**. As per the last lab submit a hardcopy of your answers.

Part A. As per **Lab 1**, complete each instruction below using a single Unix command that was given in class. You may use either relative or absolute pathnames as you deem convenient. Print-out and turn-in the commands you used, numbered, and with output and extraneous commands removed.

At any time you may start over by using **rm -r lab02**.

1. Use a single command and redirection of stdout (only) to create a new shopping list for yourself in **lab02**, consisting of a single item you'd like to buy. Name the file ***yourname*.list** (substituting your name for ***yourname***). (*Hint:* what command would you use to output the item name to the terminal window?)

2. Append a second item to your shopping list using a single command and redirection of stdout (only). Your shopping list should now contain two items.

3. Append the item ***catcher's mitt*** (spelled exactly as given) to Jimmy's shopping list using a single command and redirection of stdout (only).

4. Output the contents of Jimmy's shopping list.

5. Attempt to view the contents of Joey's shopping list, which (if it existed) would be in **lab02** and named **joey.list**. This should generate an error message.

6. Repeat (**5**), redirecting stderr (only) to a file named **errors.log** in **lab02**.

7. Create a single comprehensive shopping list by concatenating all of the existing lists (Jimmy's, Susie's, and your own) into a single file named **all.list** in **lab02** using the **cat** command and stream redirection.

8. Use pathname expansion and redirection of stdout to create a text file that contains the names of all of the files in the current directory whose filenames end in **".list"**.

9. Attempt to perform a listing of **/home/SOU/sahrk**, appending stderr (only) to the file **errors.log** in **lab02** created in step **6** (note that there should only be stderr output from this command, since you should not have permissions to view my directory).

10. Output your name, your current shell (using the appropriate shell variable), and the literal characters '**$**' and '~' separated with spaces, redirecting both stdout and stderr to a file named **name.txt** in **lab02**.