CIS 218                    Quiz #2                    Advanced UNIX

Name ___________________________

Following questions apply to the UNIX C Shell.

1. Show the complete command to start a directory stack. (10 points).

2. Show the command that: (10 points)
   a. places the current directory on the stack: ___________________________.
   b. makes the last stack directory the active directory: _________________.
   c. deletes the current directory from the stack: ________________________.

3. Show the command to create 'af' as an alias which will show all files and each files parameters in your HOME directory. (10 points)

4. Show the commands on one line (using grep) to list only the directories in any $HOME directory? (10 points)

5. You have the following directories in the stack, (20 points)
   /sam   /shirley   /pete   /frank   /alice
   a. What is the position number for frank? ______
   b. What is the active directory? ______________
   c. Write the command to delete shirley form the stack.

6. Show the commands that will: (20 points)
   a. Place a long running task (PID = 151) in the background.
   
   b. Bring the task (PID = 151) back into the foreground.

   Get rid of an infinite looping program (PID = 151) running in the background?

7. Show the commands that will: (20 points)
   a. allocate an array of 12 numeric variables called month_num.
   
   b. allocate an array of 12 string array variables called month_name.
   
   c. initialize month_num (to values 1 thru 12) in a loop structure.
   
   d. initialize month_name to the months of the year in a loop structure.