Bash Shell Scripting Lab 3

Using sed utility
1. Display the lines that contain the word "guest" in /etc/passwd file.
2. Display /etc/passwd file except the third line.
3. Display /etc/passwd file except the last line.
4. Display /etc/passwd file except the lines that contain the word "guest".
5. Substitute all the words that contain "guest" with "myguest" in /etc/passwd file.

Using awk utility
1. Print full name (comment) of all users in the system.
2. Print login, full name (comment) and home directory of all users. (Print each line preceded by a line number)
3. Print login, uid and full name (comment) of those uid is greater than 500
4. Print login, uid and full name (comment) of those uid is exactly 100
5. Print line from 5 to 15 from /etc/passwd
6. Change guest to myguest
7. Print all information about greatest uid.
8. Get the sum of all accounts id's.
9. Get the sum of accounts id's that has the same group.
10. Print the Users Information in a friendly HTML page

Using tr utility and sort utility, write a shell script in a menu driven behavior to:
1. tr: replace uppercase letters with lowercase letters and vice versa
2. sort: sort according to certain field
3. exit

Note: make sure that your script is trapping Ctrl + C, Ctrl + Z, use /etc/passwd and sort according to gid/uid