Practice questions1- users

1. Create a user account named serena, including a home directory and a description (or comment) that reads Serena Williams. Do all this in one single command.

2. Create a user named venus, including home directory, bash shell, a description that reads Venus Williams all in one single command.

3. Verify that both users have correct entries in /etc/passwd, /etc/shadow and /etc/group.

4. Verify that their home directory was created.

5. Create a user named einstime with /bin/date as his default logon shell.

7. What happens when you log on with the einstime user ? Can you think of a useful real world example for changing a user's login shell to an application ?

8. Create a file named welcome.txt and make sure every new user will see this file in their home directory.

9. Verify this setup by creating (and deleting) a test user account.

10. Change the default login shell for the serena user to /bin/bash. Verify before and after you make this change.

Practice questions2- filters

1. Put a sorted list of all bash users in bashusers.txt.

2. Put a sorted list of all logged on users in onlineusers.txt.

3. Make a list of all filenames in /etc that contain the string conf in their filename.

4. Make a sorted list of all files in /etc that contain the case insensitive string conf in their filename. 5. Look at the output of /sbin/ifconfig. Write a line that displays only ip address and the subnet mask.

6. Write a line that removes all non-letters from a stream.

7. Write a line that receives a text file, and outputs all words on a separate line.

8. Write a spell checker on the command line. (There may be a dictionary in /usr/share/ dict/ .)