Homework #5

1. Do "cd ~", then do "man passwd", then you can see the manual page of passwd command. Navigate the manual, find the meaning of the exit value "1", then press "q" to turn back to the shell prompt.
     - What is the meaning of the exit value "1"?

2. Do "man –f passwd", then do "whatis passwd". Then do "man –k passwd", then do "apropos passwd".
     - Take a screenshot 📷
     - What is the difference between "-f" and "-k" option?

3. Do "man 5 passwd", then press "q" to exit from the manual. Then do "man 1 passwd", then press "q" to exit from the manual.
     - What is the meaning of "1" and "5"?
     - When you do "man –a passwd", what happens?

4. Do "man –k zip", then do "man –k zip | wc", then do "man –k gzip", then do "man –k gzip|wc".

5. Do "man –aw passwd", then do "man gzip", then press "q" to exit from the manual, then do "man –aw gzip", , then do "man –aw zcat", then do "man –aw gunzip", then do "ls -al /usr/share/man/man1/gzip.1.gz", then do "ls -al /usr/share/man/man1/gunzip.1.gz", then do "ls -al /usr/share/man/man1/zcat.1.gz".
     - Take a screenshot 📷
     - When you run "man gzip", which names are listed on the NAME section of the manual?

6. Do "clear", then do "dpkg –l", then do "dpkg –l | grep ssh", then do "man –k ssh".
     - Take a screenshot 📷

7. Do "tail /etc/apt/sources.list", then do "vi /var/log/dpkg.log", then provide command "/ssh" to find ssh related installation activity, then press ":q!" to exit from the vi editor.
     - Take a screenshot when you find "openssh-client" installation log 📷

8. Do "clear", then do "ls /etc/rsyslog.*", then do "head -20 /etc/rsyslog.d/50-default.conf", then do "tail /var/log/kern.log", then do "ls /var/log".
     - Take a screenshot of the result of "ls /var/log" 📷

9. Do "clear", then "cat /etc/logrotate.d/rsyslog".

   - Take a screenshot 📷

   - What is the value of "rotate"? and what is the meaning of this setting?

10. How '/etc/passwd' file is used? Write what contents are stored in the '/etc/passwd' file.