```
Day3 Assignment------Embedded-Linux-----Ahmed Adel
```

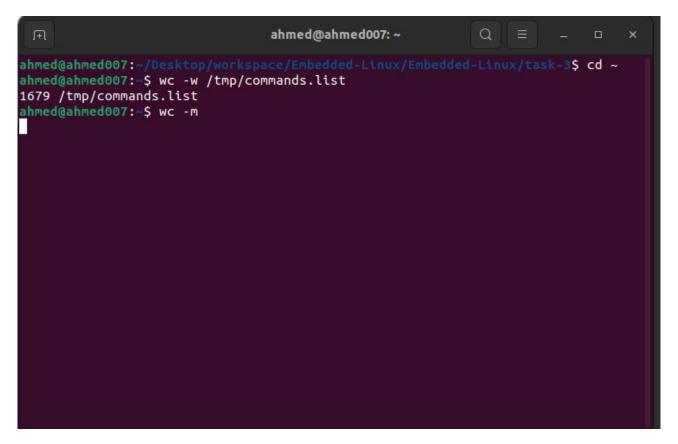
Question 1)

```
ahmed@ahmed007:~/Desktop$ history > /tmp/commands.list
ahmed@ahmed007:~/Desktop$ cat /tmp/commands.list
```

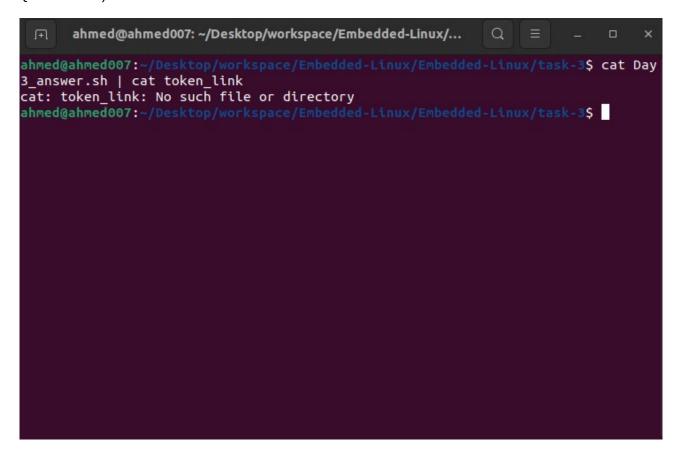
Question 2)

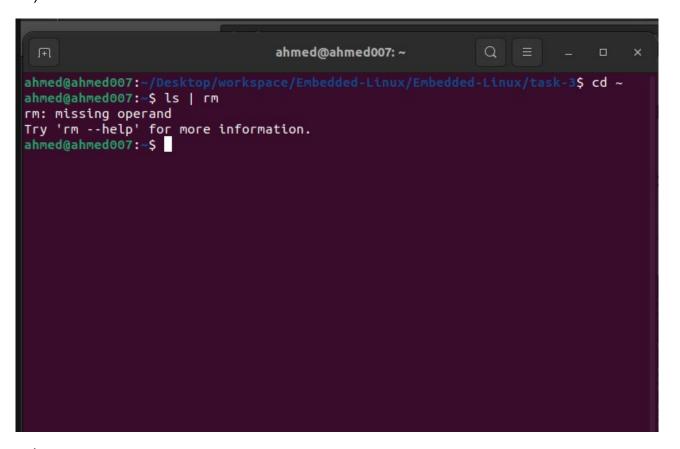
```
a = 1
                                    ahmed@ahmed007: ~
#umask 022
# if running bash
if [ -n "$BASH_VERSION" ]; then
    # include .bashrc if it exists
    fi
fi
# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/bin" ] ; then
    PATH="$HOME/bin:$PATH"
fi
# set PATH so it includes user's private bin if it exists
if [ -d "$HOME/.local/bin" ] ; then
    PATH="$HOME/.local/bin:$PATH"
fi
date
:wq
                                                                     31,0-1
                                                                                     Bot
```

Question 3)



Question 4) a-





4C)

```
ahmed@ahmed007: ~/Desktop/workspace/Embedded-Linux/Embedded-Linux/task-3$ wc -l / etc/passwd 49 /etc/passwd ahmed@ahmed007: ~/Desktop/workspace/Embedded-Linux/Embedded-Linux/task-3$ ls /etc /passwd |wc -l | wc -l |
```

Question 5)

```
ahmed@ahmed007:-/Desktop/workspace/Embedded-Linux/Embedded-Linux/task-1$ wc -l /etc/passwd
49 /etc/passwd
ahmed@ahmed007:-/Desktop/workspace/Embedded-Linux/Embedded-Linux/task-1$ ls /etc/passwd |wc -l
1
ahmed@ahmed007:-/Desktop/workspace/Embedded-Linux/Embedded-Linux/task-1$ sudo find / -name .profile
[sudo] password for ahmed:
/etc/skel/.profile
find: '/run/user/1000/gwfs': Permission denied
find: '/run/user/1000/gwfs': Permission denied
/root/.profile
/snap/core20/2015/etc/skel/.profile
/snap/core20/2015/root/.profile
/snap/core20/1974/root/.profile
/snap/core22/1033/root/.profile
/snap/core22/1033/root/.profile
/snap/core22/864/root/.profile
```

The following Linux commands can be used to search files by name.

- · find /path -name *.txt
- · find /path -type f -name test.txt
- · find /path -name failed*.* -type f
- find /path -type f -not -name "*.html"
- find / -name "file.txt" -size +4M
- find /dev/ -type b -name "sda*"

Question 6)

```
Almedgahned07:-/Dusktop/workspace/Embedded-Linux/Embedded-Linux/task-7$ cd -
almedgahned07:-5 list -1
5247962 Desktop 5245134 docs 5242966 Documents 5250112 Embedded-Linux
5242967 Music 524782 documents 5242968 Doumloads 5247782 foldering-system 5247967 Music 5242968 Pictures 5242965 Public 5242964 Templates 5242969 Videos
5247526 drift 5247482 documents 5242963 Doumloads 5247782 foldering-system 5247513 myDirectory 5242968 Pictures 5242965 Snap 5247229 test.txt

Command vist: not found, did you mean:
command vist: not found, did you mean:
command vist: from bol loki (2.4.7.4-10)
command vist: from deb little (2.6.0-1)
command vist: from deb hitle (2.7.0-4-10)
command vist: from deb hitle (2.7.0-4-10)
command vist: from deb hitle (2.2.04-476sg1-12)
command vist: from deb hitle (2.2.04-476sg1-12)
command vilist: from deb hitle (2.2.04-476sg1-12)
command vilist (2.2.04-476sg1-12)
command vilist (2.2.04-476sg1-12)
command vilist (2.2.04-476sg1-12)
command vilist (2.2.04-476sg1-12)
com
```

Question 7)

```
ahmed@ahmed007:~$ sudo ln -s /etc/passwd /boot/passwd.softlink
ahmed@ahmed007:~$
```

question 8)

```
ahmed@ahmed007:~$ sudo ln -s /etc/passwd /boot/passwd.softlink
ahmed@ahmed007:~$ sudo ln /etc/passwd /boot/passwd.hardlink
ahmed@ahmed007:~$
```