T1

```
user@AA3209-Ubuntu:~$ alias rmi='rm -i'
user@AA3209-Ubuntu:~$ ls
apache funet kansiol pehmeelinkki.txt testi.txt tmp
first.txt hl kovalinkki.txt second third.txt
user@AA3209-Ubuntu:~$ rmi testi.txt
rm: remove regular empty file 'testi.txt'? y
user@AA3209-Ubuntu:~$ ls
apache funet kansiol pehmeelinkki.txt third.txt
first.txt hl kovalinkki.txt second tmp
user@AA3209-Ubuntu:~$
```

I editetd the .bashrc file so it now contains my "rmi" alias

```
user@AA3209-Ubuntu: /etc
 GNU nano 4.8
                                  /home/user/.bashrc
                                                                         Modified
# some more ls aliases
alias ll='ls -alF'
alias la='ls -A'
alias l='ls -CF'
# Add an "alert" alias for long running commands. Use like so:
  sleep 10; alert
alias alert='notify-send --urgency=low -i "$([ $? = 0 ] && echo terminal || echo
# See /usr/share/doc/bash-doc/examples in the bash-doc package.
alias rmi='rm -i'
if [ -f ~/.bash aliases ]; then
    . ~/.bash aliases
   Get Help
             ^O Write Out <sup>^W</sup> Where Is
                                        ^K Cut Text ^J Justify
                Read File ^\
                              Replace
                                         ^U Paste Text<mark>^T</mark> To Spell
```

```
user@AA3209-Ubuntu:~$ ls
apache funet kansiol pehmeelinkki.txt testi.txt tmp
first.txt hl kovalinkki.txt second third.txt
user@AA3209-Ubuntu:~$ source ~/.bashrc
user@AA3209-Ubuntu:~$ rmi testi.txt
rm: remove regular empty file 'testi.txt'? y
user@AA3209-Ubuntu:~$ ls
apache funet kansiol pehmeelinkki.txt third.txt
first.txt hl kovalinkki.txt second tmp
user@AA3209-Ubuntu:~$
```

If I would like to enable my aliases for all user I think I'd have to change .bashrc file as a root user and maybe edit /etc/profile.

T2

```
user@AA3209-Ubuntu:~$ w
23:52:35 up 69 days, 12:02, 2 users, load average: 0.00, 0.00, 0.00
                               LOGIN@ IDLE JCPU PCPU WHAT
USER
       TTY
              FROM
                192.168.53.10
user
       pts/1
                               23:34
                                      16:51 0.02s 0.02s -bash
               192.168.53.13
       pts/2
                             23:36
                                       1.00s 0.07s 0.00s w
user@AA3209-Ubuntu:~$ w > users.txt
user@AA3209-Ubuntu:~$ 1s
                              pehmeelinkki.txt third.txt users.txt
apache
first.txt hl kovalinkki.txt second
user@AA3209-Ubuntu:~$ cat user.txt
cat: user.txt: No such file or directory
user@AA3209-Ubuntu:~$ cat users.txt
23:54:39 up 69 days, 12:05, 2 users, load average: 0.00, 0.00, 0.00
                FROM
                              LOGIN@ IDLE JCPU
       TTY
                                                    PCPU WHAT
                192.168.53.10
user
       pts/1
                              23:34
                                     18:55
                                              0.02s 0.02s -bash
user
      pts/2
               192.168.53.13
                              23:36
                                       4.00s 0.07s 0.00s w
user@AA3209-Ubuntu:~$
```

T3

```
user@AA3209-Ubuntu:~$ id --help
Usage: id [OPTION]... [USER]
Print user and group information for the specified USER,
or (when USER omitted) for the current user.
```

```
user@AA3209-Ubuntu:~$ id
uid=1000(user) gid=1000(user) groups=1000(user),4(adm),24(cdrom),27(sudo),30(dip
),46(plugdev),116(lxd)
user@AA3209-Ubuntu:~$ id >> users.txt
user@AA3209-Ubuntu:~$ cat users.txt
23:54:39 up 69 days, 12:05, 2 users, load average: 0.00, 0.00, 0.00
USER
        TTY
                 FROM
                                  LOGIN@
                                          IDLE
                                                  JCPU
                                                         PCPU WHAT
user
        pts/1
                 192.168.53.10
                                  23:34
                                          18:55
                                                  0.02s
                                                         0.02s -bash
user
                 192.168.53.13
                                           4.00s 0.07s 0.00s w
        pts/2
uid=1000(user) gid=1000(user) groups=1000(user),4(adm),24(cdrom),27(sudo),30(dip
),46(plugdev),116(lxd)
user@AA3209-Ubuntu:~$
```

With Is -I | sort you can sort directorys contents. For example, I sorted by users.

T5

```
user@AA3209-Ubuntu:~$ linuxinfo="$(date) | hostname is $(hostname) and logged us
er is $(whoami)"
user@AA3209-Ubuntu:~$ echo $linuxinfo
Mon Mar 22 01:16:57 EET 2021 | hostname is AA3209-Ubuntu and logged user is user
user@AA3209-Ubuntu:~$
```

T6

```
user@AA3209-Ubuntu:~$ linuxinfo="$(date +"%H:%M:%S") $(whoami) own-prompt $"
user@AA3209-Ubuntu:~$ echo $linuxinfo
00:40:34 user own-prompt $
user@AA3209-Ubuntu:~$
```

T7