

Tehtävä1

```
root@AE9947-Ubuntu:~# sudo useradd -m -s /bin/bash sulo
```

```
root@AE9947-Ubuntu:~# sudo useradd -m -s /bin/bash riku
```

```
root@AE9947-Ubuntu:~# adduser joonas
```

```
Adding user `joonas' ...
```

```
Adding new group `joonas' (1009) ...
```

```
Adding new user `joonas' (1005) with group `joonas' ...
```

```
Creating home directory `/home/joonas' ...
```

```
Copying files from `/etc/skel' ...
```

```
New password:
```

```
Retype new password:
```

```
passwd: password updated successfully
```

```
Changing the user information for joonas
```

```
Enter the new value, or press ENTER for the default
```

```
Full Name []:
```

```
Room Number []:
```

```
Work Phone []:
```

```
Home Phone []:
```

```
Other []:
```

```
Is the information correct? [Y/n]
```

```
root@AE9947-Ubuntu:~#
```

```
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```

```
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```

```
root@AE9947-Ubuntu:~#
```

```
root@AE9947-Ubuntu:~#
```

```
root@AE9947-Ubuntu:~# adduser jani
```

```
Adding user `jani' ...
```

```
Adding new group `jani' (1010) ...
```

```
Adding new user `jani' (1006) with group `jani' ...
```

```
Creating home directory `/home/jani' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for jani
Enter the new value, or press ENTER for the default

  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n]
```

tehtävä2

a)

```
root@AE9947-Ubuntu:~# groupadd testajat
root@AE9947-Ubuntu:~# usermod -g testajat sulo
root@AE9947-Ubuntu:~# groups sulo
sulo : testajat
root@AE9947-Ubuntu:~# usermod -g testajat riku
root@AE9947-Ubuntu:~# usermod -g testajat joonas
root@AE9947-Ubuntu:~# usermod -g testajat jani
```

b)

```
root@AE9947-Ubuntu:~# id user
uid=1000(user) gid=1000(user)
groups=1000(user),4(adm),24(cdrom),27(sudo),30(dip),46(plugdev),116(lxd)
```

tehtävä3

a)

```
root@AE9947-Ubuntu:~# usermod -g koodaajat -G testajat joonas
```

```
root@AE9947-Ubuntu:~# groups joonas
```

```
joonas : koodaajat testajat
```

b)

```
joonas@AE9947-Ubuntu:~$ touch file.txt
```

```
joonas@AE9947-Ubuntu:~$ ls -la
```

```
total 20
```

```
drwxr-xr-x 2 joonas koodaajat 4096 Sep 20 09:43 .
```

```
drwxr-xr-x 9 root root 4096 Sep 20 09:17 ..
```

```
-rw-r--r-- 1 joonas koodaajat 220 Sep 20 09:17 .bash_logout
```

```
-rw-r--r-- 1 joonas koodaajat 3771 Sep 20 09:17 .bashrc
```

```
-rw-r--r-- 1 joonas koodaajat 807 Sep 20 09:17 .profile
```

```
-rw-r--r-- 1 joonas koodaajat 0 Sep 20 09:43 file.txt
```

Tehtävä4

A)

```
root@AE9947-Ubuntu:~# userdel -rfRZ joonas
```

```
root@AE9947-Ubuntu:~# userdel jani
```

B)

```
root@AE9947-Ubuntu:~# groupdel -f koodaajat
```

tehtävä5

a)

```
root@AE9947-Ubuntu:~# passwd -l sulo
passwd: password expiry information changed.
```

b)

```
user@AE9947-Ubuntu:~$ sudo passwd -e Sulo
passwd: password expiry information changed.
```

```
user@AE9947-Ubuntu:~$ su - Sulo
```

Password:

You are required to change your password immediately (administrator enforced)

Changing password for Sulo.

Current password:

New password:

Retype new password:

```
Sulo@AE9947-Ubuntu:~$
```

Admin tai oikeutettu pyytää Käyttäjää vaihtamaan salasana uuteen syystä tai toisesta