

Task A

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shacara@shacara-VirtualBox:~$ grep shacara /etc/passwd
shacara:x:1000:1000:shacara,,,:/home/shacara:/bin/bash
shacara@shacara-VirtualBox:~$ sudo grep shacara /etc/shadow
shacara:$y$j9T$X3SNZ08o/MP0m1J3DSZWD/$sQ0eYkt.YHNv2HHSx9Pk7aFFH/vqz6oT5XdVBUaDM
HD:19236:0:99999:7:::
shacara@shacara-VirtualBox:~$ sudo useradd -m spitr001
useradd: user 'spitr001' already exists
shacara@shacara-VirtualBox:~$ sudo passwd spitr001
New password:
Retype new password:
passwd: password updated successfully
shacara@shacara-VirtualBox:~$ usermod -s /bin/bash spitr001
usermod: no changes
shacara@shacara-VirtualBox:~$ grep spitr001 /etc/passwd
spitr001:x:1002:1002::/home/spitr001:/bin/bash
shacara@shacara-VirtualBox:~$ sudo grep spitr001 /etc/shadow
spitr001:$y$j9T$ktRUzm1dzF35jJQLwbRTn0$snh6Mbis689mwIv0apzYaRFMrSHHIPZ0IznHuPrH
PdD:19262:0:99999:7:::
```

```
shacara@shacara-VirtualBox:~$ sudo usermod -aG sudo spitr001
shacara@shacara-VirtualBox:~$ groups spitr001
spitr001 : spitr001 sudo
shacara@shacara-VirtualBox:~$ su spitr001
Password:
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

spitr001@shacara-VirtualBox:/home/shacara$ █
```

Task B

```
spitr001@shacara-VirtualBox:/home/shacara$ cd
spitr001@shacara-VirtualBox:~$ cd ~
spitr001@shacara-VirtualBox:~$ █
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```
spitr001@shacara-VirtualBox:~$ id spitr001
uid=1002(spitr001) gid=1002(spitr001) groups=1002(spitr001),27(sudo)
spitr001@shacara-VirtualBox:~$ groups root
root : root
spitr001@shacara-VirtualBox:~$ ls -l /etc/group
-rw-r--r-- 1 root root 1136 Sep 27 16:54 /etc/group
spitr001@shacara-VirtualBox:~$ ls -al /etc/group
-rw-r--r-- 1 root root 1136 Sep 27 16:54 /etc/group
```

```
spitr001@shacara-VirtualBox:~$ sudo groupadd -g 01204408 test
[sudo] password for spitr001:
spitr001@shacara-VirtualBox:~$ grep test /etc/group
test:x:1204408:
```

```
spitr001@shacara-VirtualBox:~$ sudo groupmod -n newtest test
[sudo] password for spitr001:
spitr001@shacara-VirtualBox:~$ sudo usermod -aG newtest spitr001
spitr001@shacara-VirtualBox:~$ touch testfile
spitr001@shacara-VirtualBox:~$ chgrp newtest testfile
chgrp: changing group of 'testfile': Operation not permitted
spitr001@shacara-VirtualBox:~$ sudo chgrp newtest testfile
spitr001@shacara-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 spitr001 newtest 0 Sep 27 20:31 testfile
spitr001@shacara-VirtualBox:~$
```

```
spitr001@shacara-VirtualBox:~$ sudo groupdel newtest
spitr001@shacara-VirtualBox:~$ ls -l testfile
-rw-rw-r-- 1 spitr001 1204408 0 Sep 27 20:31 testfile
```

```
shacara@shacara-VirtualBox:~$ sudo userdel -r spitr001
[sudo] password for shacara:
userdel: spitr001 mail spool (/var/mail/spitr001) not found
shacara@shacara-VirtualBox:~$ su spitr001
su: user spitr001 does not exist or the user entry does not contain all the required fields
shacara@shacara-VirtualBox:~$ sudo userdel spitr001
userdel: user 'spitr001' does not exist
shacara@shacara-VirtualBox:~$
```