

1. Shows the account information, like the login shell and directory

```
└─(adrianvaal㉿kali)-[~]
$ grep adrianvaal /etc/passwd
adrianvaal:x:1000:1000:Adrian Valencia,,,:/home/adrianvaal:/usr/bin/zsh
```

2. Shows the encrypted password and information

```
[adrianvaal㉿kali)-[~]
$ sudo grep adrianvaal /etc/shadow
adrianvaal:$y$j9T$3yhp.37HBnciY5jsBbf0u/$IYyN0mLHSVgT0pxW7ARua9DuRbkF12f5BlJ3
hD.yp8D:20332:0:99999:7 :::
```

3. Created a new user in the home directory after my Midas ID

```
└─$ sudo useradd -m avale022
```

4. Create a password for the user

```
└─$ sudo passwd avale022
New password:
Retype new password:
passwd: password updated successfully
```

5. Change the default login to bash and use grep /etc/passwd to check the change

```
└─(adrianvaal㉿kali)-[~]
$ sudo usermod -s /bin/bash avale022

└─(adrianvaal㉿kali)-[~]
$ grep avale022 /etc/passwd
avale022:x:1010:1010::/home/avale022:/bin/bash
```

6. Check the account information that shows the encrypted

```
[adrianvaal㉿kali)-[~]
$ sudo grep avale022 /etc/shadow
avale022:$y$j9T$qwujtnFwh2/L7dHFGq4kj0$x/JgLHub3lMHIEGxiTkgHS1bWgyhAATg/UnyGRM7L14:20355:0:
99999:7 :::
```

7. Added midas group to a group named sudo using -aG to not override

```
└─$ sudo usermod -aG sudo avale022
```

8. Switched to the midas account user

```
└─(adrianvaal㉿kali)-[~]
└─$ su - avale022
Password:
└─(avale022㉿kali)-[~]
└─$ █
```

Task B

1. Used echo \$SHELL to see the shell im in

```
└─(avale022㉿kali)-[~]
└─$ echo $SHELL
/bin/bash
```

2. Used id to see the user information and membership

```
└─(avale022㉿kali)-[~]
└─$ id
uid=1010(avale022) gid=1010(avale022) groups=1010(avale022),27(sudo)
```

3. Went into root account and checked information using id

```
└─(avale022㉿kali)-[~]
└─$ sudo su
[sudo] password for avale022:
└─(root㉿kali)-[/home/avale022]
└─# id root
uid=0(root) gid=0(root) groups=0(root)

└─(root㉿kali)-[/home/avale022]
└─# █
```

4. Checked the ownership of the group using ls -l

```
└─(avale022㉿kali)-[~]
└─$ ls -l /etc/group
-rw-r--r-- 1 root root 1566 Sep 24 16:35 /etc/group
```

5. Created a group with a GID as my uin

```
└─(avale022㉿kali)-[~]
└─$ sudo groupadd -g 01262713 test
```

6. Checked the group account information

```
└─(avale022㉿kali)-[~]
└─$ grep test /etc/group
test:x:1262713:
```

7. Changed the name of the group from test to newtest

```
└─(avale022㉿kali)-[~]
└─$ sudo groupmod -n newtest test
```

8. Made the midas account a secondary to the newtest using -aG to not override

```
└─(avale022㉿kali)-[~]
└─$ sudo usermod -aG newtest avale022
```

9. Made a file called testfile and changed the ownership of the file to newtest

```
└─(avale022㉿kali)-[~]
└─$ touch testfile

└─(avale022㉿kali)-[~]
└─$ sudo chgrp newtest testfile
```

10. Checked the owner information using ls -l

```
└─(avale022㉿kali)-[~]
└─$ ls -l testfile
-rw-rw-r-- 1 avale022 newtest 0 Sep 24 17:11 testfile
```

11. Deleted the newtest group and checked the ownership of the file

```
└─(avale022㉿kali)-[~]
└─$ sudo groupdel newtest

└─(avale022㉿kali)-[~]
└─$ ls -l testfile
-rw-rw-r-- 1 avale022 1262713 0 Sep 24 17:11 testfile
```

12. Deleted the user of midas

```
└─(adrianvaal㉿kali)-[~]
└─$ sudo userdel -r avale022
[sudo] password for adrianvaal:
userdel: avale022 mail spool (/var/mail/avale022) not found
```