- 1. Create the following users, groups and group memberships
 - a) A group named admin

```
root@22A91A61D1:~

[root@22A91A61D1 ~]# groupadd admin
[root@22A91A61D1 ~]# tail -nl /etc/group
admin:x:1001:
[root@22A91A61D1 ~]#
```

b) A user harry who belongs to admin as a secondary group

- 2. Create a collaborative directory /common/admin with the following characterstics:
 - a) Group ownership of /common/admin is admin.

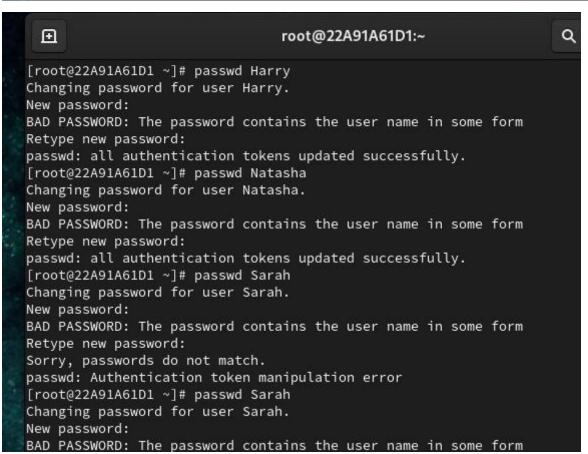
```
root@22A91A61D1:~

[root@22A91A61D1 ~]# mkdir -p /common/admin
[root@22A91A61D1 ~]# ls -ld /common/admin
drwxr-xr-x. 2 root root 6 Oct 18 21:22 /common/admin
[root@22A91A61D1 ~]#
```

b) The directory should be readable, writable and accessible to members of admin, but not to any other user.

```
root@22A91A61D1:~

[root@22A91A61D1 ~]# useradd -G admin Natasha
[root@22A91A61D1 ~]# id Natasha
uid=1329(Natasha) gid=1329(Natasha) groups=1329(Natasha),1001(admin)
[root@22A91A61D1 ~]#
```

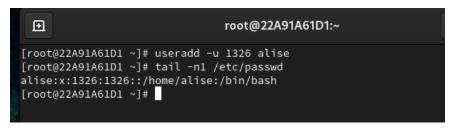


3.Find the string a) Find a string "home" in /etc/passwd and searching string as been stored in /root/search.txt

```
root@22A91A61D1:~

[root@22A91A61D1 ~]# grep "home" /etc/passwd >/root/search.txt
[root@22A91A61D1 ~]# cat search.txt
chandu:x:1000:1000:chandu:/home/chandu:/bin/bash
sarah:x:1001:1002::/home/sarah:/bin/bash
[root@22A91A61D1 ~]# cd
[root@22A91A61D1 ~]# cat search.txt
chandu:x:1000:1000:chandu:/home/chandu:/bin/bash
sarah:x:1001:1002::/home/sarah:/bin/bash
[root@22A91A61D1 ~]#
```

- 4. Create a user account
- a) Create a new user with UID 1326 and user name as alies.



5. Set the Permission

```
natasa@localhost:~

[natasa@22A921A61D1 ~]$ umask 266
[natasa@22A921A61D1 ~]$ ls -ld file44.txt
-r----. 1 natasa natasa 0 Oct 18 21:53 file44.txt
[natasa@22A921A61D1 ~]$ usmask 277
bash: usmask: command not found...
[natasa@22A921A61D1 ~]$ ls -ld thub
dr-x----. 2 natasa natasa 6 Oct 18 21:11 thub
[natasa@22A921A61D1 ~]$
```