

classmate
Date _____
Page _____

Experiment No. 5

(User Management Commands)

~~1] Command~~

1] who, whoami :-

- Displays logged-in users and the current users.

2] su, sudo :-

- switch users and execute commands as another user.

3] useradd, passwd, usermod :-

- Create, modify and manage users.

4] groupadd, groupdel, gpasswd :-

- Manage groups and their members.

5] chown, chgrp :-

- modify file ownership and group permissions.

6] chage :-

- Manage password expiry policies.

7] logout, exit :-

- Logout of a session.

```
student@localhost:~  
[student@localhost ~]$ whoami  
student  
[student@localhost ~]$ who  
student  tty2          2025-02-06 14:18 (tty2)  
[student@localhost ~]$
```

```
student@localhost:~  
[student@localhost ~]$ sudo useradd -m testuser1  
[sudo] password for student:  
Sorry, try again.  
[sudo] password for student:  
Sorry, try again.  
[sudo] password for student:  
[student@localhost ~]$ cat /etc/passwd | grep testuser1  
:x:1002:1002:::/home/          :/bin/bash  
[student@localhost ~]$
```

```
[student@localhost ~]$ sudo passwd testuser1  
Changing password for user testuser1.  
New password:  
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic  
Retype new password:  
passwd: all authentication tokens updated successfully.  
[student@localhost ~]$
```

```
[student@localhost ~]$ su - testuser1  
Password:  
[testuser1@localhost ~]$ whoami  
testuser1  
[testuser1@localhost ~]$
```

cert


```
[testuser1@localhost ~]$ logout  
[student@localhost ~]$ whoami  
student
```


```
[student@localhost ~]$ sudo usermod -aG wheel testuser1  
[student@localhost ~]$ group testuser1  
bash: group: command not found...  
^C  
[student@localhost ~]$ groups testuser1  
testuser1 : testuser1 wheel  
[student@localhost ~]$
```

```
testuser1 : testuser1 wheel  
[student@localhost ~]$ sudo groupadd testgroup  
[student@localhost ~]$ cat /ect/group | grep testgroup  
cat: /ect/group: No such file or directory  
[student@localhost ~]$ cat /etc/group | grep testgroup  
testgroup:x:1003:
```

```
[student@localhost ~]$ sudo usermod -aG testgroup testuser1  
[student@localhost ~]$ groups testuser1  
testuser1 : testuser1 wheel testgroup  
[student@localhost ~]$
```

```
[student@localhost ~]$ sudo groupdel testgroup  
[student@localhost ~]$ cat /etc/group | grep testgroup  
[student@localhost ~]$
```

```
[student@localhost ~]$ touch testfile.txt  
[student@localhost ~]$ ls -l testfile.txt  
-rw-rw-r--. 1 student student 0 Feb  6 14:46 testfile.txt  
[student@localhost ~]$ sudo chown testuser1 testfile.txt  
[student@localhost ~]$ ls -l testfile.txt  
-rw-rw-r--. 1 testuser1 student 0 Feb  6 14:46 testfile.txt
```



```
[student@localhost ~]$ sudo chage -l testuser1
Last password change           : Feb 06, 2025
Password expires                : never
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
```

```
[student@localhost ~]$ sudo chage -l testuser
Last password change           : Feb 04, 2025
Password expires                : Mar 06, 2025
Password inactive              : never
Account expires                : never
Minimum number of days between password change : 0
Maximum number of days between password change : 30
Number of days of warning before password expires : 7
[student@localhost ~]$
```

```
[student@localhost ~]$ sudo userdel testuser1
[sudo] password for student:
[student@localhost ~]$ cat /etc/passwd | grep testuser1
[student@localhost ~]$
```

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