```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x write.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./write.sh
Usage: ./write.sh <username>
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x write.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./write.sh student
write: student has messages disabled
User has messages disabled. Consider using an alternative communication method.
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$
```

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x nice.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./nice.sh ls
 assign7.txt         nice.sh     Q2.sh       'talk(1).sh'   tty.sh
 assignment7         nl.sh       rcp.sh       talk.sh        uname.sh
 example_directory   passwd.sh   rlogin.sh    telnet.sh      wc.sh
 more.sh             pr.sh       rsh.sh       tput.sh        who.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$
```

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x passwd.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./passwd.sh student
Changing password for student.
Current password:
New password:
Retype new password:
Password unchanged
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$
```

student@ai-hp-prodesk-601-g4-mt: ~/Desktop/422106unix

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x pr.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./pr.sh assign7.txt


2024-04-10 15:50                   assign7.txt                   Page 1


This is line 1.
This is line 2.
This is line 3.
```

student@ai-HP-ProDesk-600-G4-MT: ~

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x rlogin.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./rlogin.sh 172.50.7.212
The authenticity of host '172.50.7.212 (172.50.7.212)' can't be established.
ECDSA key fingerprint is SHA256:qkxpPK9pvgWufd0Ww2A0zeGCDaTqfDP5VkenFxQwYus.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.50.7.212' (ECDSA) to the list of known hosts.
student@172.50.7.212's password:
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-101-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

1 device has a firmware upgrade available.
Run `fwupdmgr get-upgrades` for more information.


Expanded Security Maintenance for Applications is not enabled.

39 updates can be applied immediately.
35 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

17 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

Your Hardware Enablement Stack (HWE) is supported until April 2025.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

-bash: export: `HADOOP_OPTS-Djava.library.path=/home/hdoop/hadoop-3.3.6/lib/nativ': not a valid identifier
student@ai-HP-ProDesk-600-G4-MT:~$ 
```

student@ai-hp-prodesk-601-g4-mt: ~/Desktop/422106unix

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ sudo apt-get install talk
[sudo] password for student:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 libllvm10 linux-headers-5.8.0-59-generic
  linux-hwe-5.8-headers-5.8.0-59 linux-image-5.8.0-59-generic
  linux-modules-5.8.0-59-generic linux-modules-extra-5.8.0-59-generic
Use 'sudo apt autoremove' to remove them.
Suggested packages:
  talkd
The following NEW packages will be installed:
  talk
0 upgraded, 1 newly installed, 0 to remove and 323 not upgraded.
Need to get 19.2 kB of archives.
After this operation, 56.3 kB of additional disk space will be used.
Err:1 http://in.archive.ubuntu.com/ubuntu focal/universe amd64 talk amd64 0.17-16
  Temporary failure resolving 'in.archive.ubuntu.com'
E: Failed to fetch http://in.archive.ubuntu.com/ubuntu/pool/universe/n/netkit-ntalk/talk_0.17-16_amd64.deb  Temporary failure resolving 'in.archive.ub
untu.com'
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-missing?
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x talk.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./talk.sh student
./talk.sh: line 8: talk: command not found
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ 
```

student@ai-hp-prodesk-601-g4-mt: ~/Desktop/422106unix

student@ai-hp-prodesk-601-g4-mt: ~/Desktop/4221...   student@ai-hp-prodesk-601-g4-mt: ~/Desktop/4221...   student@ai-hp-prodesk-601-g4-mt: ~/Desktop/4221...

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x telnet.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./telnet.sh 172.50.11.125 20
Trying 172.50.11.125...
telnet: Unable to connect to remote host: Connection timed out
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$
```

student@ai-hp-prodesk-601-g4-mt: ~/Desktop/422106unix

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x wc.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./wc.sh assign7.txt
 3 12 48 assign7.txt
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$
```

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x nl.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./nl.sh
     1  This is line 1.
     2  This is line 2.
     3  This is line 3.
```

```
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ chmod +x rcp.sh
student@ai-hp-prodesk-601-g4-mt:~/Desktop/422106unix$ ./rcp.sh
Directory contents:
total 0
-rw-rw-r-- 1 student student 0 Apr 10 15:52 file1.txt
-rw-rw-r-- 1 student student 0 Apr 10 15:52 file2.txt
Updated directory contents:
total 0
-rw-rw-r-- 1 student student 0 Apr 10 15:52 copied_file.txt
-rw-rw-r-- 1 student student 0 Apr 10 15:52 file1.txt
-rw-rw-r-- 1 student student 0 Apr 10 15:52 file2.txt
Updated directory contents after moving file2.txt:
total 0
-rw-rw-r-- 1 student student 0 Apr 10 15:52 copied_file.txt
-rw-rw-r-- 1 student student 0 Apr 10 15:52 file1.txt
-rw-rw-r-- 1 student student 0 Apr 10 15:52 moved_file.txt
Copying file1.txt to a remote host...
ssh: Could not resolve hostname remote.example.com: Name or service not known
lost connection
rmdir: failed to remove 'example_directory': Directory not empty
Files and directory removed.
```