

Q1

```
enosh@Chintus:~$ mkdir test_dir
enosh@Chintus:~$ cd test_dir
enosh@Chintus:~/test_dir$ touch example.txt
enosh@Chintus:~/test_dir$ ls
example.txt
enosh@Chintus:~/test_dir$ mv example.txt renamed_example.txt
enosh@Chintus:~/test_dir$ ls
renamed_example.txt
enosh@Chintus:~/test_dir$
```

Q2

```
enosh@Chintus:~/test_dir$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin-sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
_apt:x:42:65534::/nonexistent:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:998:998:systemd Network Management:/:/usr/sbin/nologin
systemd-timesync:x:996:996:systemd Time Synchronization:/:/usr/sbin/nologin
dhcpcd:x:100:65534:DHCP Client Daemon,,,:/usr/lib/dhcpcd:/bin/false
messagebus:x:101:101::/nonexistent:/usr/sbin/nologin
syslog:x:102:102::/nonexistent:/usr/sbin/nologin
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
uuidd:x:103:103::/run/uuidd:/usr/sbin/nologin
landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin
polkitd:x:990:990:User for polkitd:/:/usr/sbin/nologin
enosh:x:1000:1000:,,,:/home/enosh:/bin/bash
enosh@Chintus:~/test_dir$ head -n5 /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin-sync
enosh@Chintus:~/test_dir$ tail -n5 /etc/passwd
systemd-resolve:x:991:991:systemd Resolver:/:/usr/sbin/nologin
uuidd:x:103:103::/run/uuidd:/usr/sbin/nologin
landscape:x:104:105::/var/lib/landscape:/usr/sbin/nologin
polkitd:x:990:990:User for polkitd:/:/usr/sbin/nologin
enosh:x:1000:1000:,,,:/home/enosh:/bin/bash
```

Q3

```
enosh@Chintus:~/test_dir$ grep "root" /etc/passwd
root:x:0:0:root:/bin/bash
```

Q4

```
enosh@Chintus:~$ zip -r test_dir.zip test_dir
  adding: test_dir/ (stored 0%)
  adding: test_dir/renamed_example.txt (stored 0%)
enosh@Chintus:~$ ls
test_dir test_dir.zip
enosh@Chintus:~$ unzip test_dir.zip -d unzipped_dir
Archive: test_dir.zip
  creating: unzipped_dir/test_dir/
extracting: unzipped_dir/test_dir/renamed_example.txt
enosh@Chintus:~$ ls
test_dir test_dir.zip unzipped_dir
enosh@Chintus:~$
```

Q5

```
enosh@Chintus:~$ wget --user-agent="Mozilla/5.0"
https://images.pexels.com/photos/11187387/pexels-photo-11187387.jpeg
--2025-11-19 04:46:46--
https://images.pexels.com/photos/11187387/pexels-photo-11187387.jpeg
Resolving images.pexels.com (images.pexels.com)... 104.18.67.220, 104.18.66.220,
2606:4700::6812:43dc, ...
Connecting to images.pexels.com (images.pexels.com)|104.18.67.220|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1624590 (1.5M) [image/jpeg]
Saving to: 'pexels-photo-11187387.jpeg'

pexels-photo-1118 100%[=====>] 1.55M 4.82MB/s in 0.3s
2025-11-19 04:46:47 (4.82 MB/s) - 'pexels-photo-11187387.jpeg' saved [1624590/1624590]
```

Q6

```
enosh@Chintus:~/test_dir$ touch secure.txt
enosh@Chintus:~/test_dir$ chmod 444 secure.txt
enosh@Chintus:~/test_dir$ ls
renamed_example.txt secure.txt
enosh@Chintus:~/test_dir$
```

Q7

```
enosh@Chintus:~/test_dir$ export MY_VAR="Hello, Linux!"
enosh@Chintus:~/test_dir$ echo $MY_VAR
Hello, Linux!
enosh@Chintus:~/test_dir$
```

Github Repo Link:-

<https://github.com/kratos-nosh28/Devops-Tutedue-Assignment1/tree/main>