

To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

```
nazleen@DESKTOP-KG6EI8G:~$ pwd
```

```
/home/nazleen
```

```
nazleen@DESKTOP-KG6EI8G:~$ cd
```

```
nazleen@DESKTOP-KG6EI8G:~$ mkdir "BE623_labsession_1"
```

```
nazleen@DESKTOP-KG6EI8G:~$ cd BE623_labsession_1
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ pwd
```

```
/home/nazleen/BE623_labsession_1
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ cp /mnt/c/Users/ER.NAZLEEN/Downloads/sequence.fasta /home/nazleen/BE623_labsession_1
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ cp /mnt/c/Users/ER.NAZLEEN/Downloads/protein.fasta /home/nazleen/BE623_labsession_1
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls
```

```
protein.fasta  sequence.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls -al
```

```
total 92
```

```
drwxr-xr-x 2 nazleen nazleen 4096 Aug  8 16:57 .
```

```
drwxr-x--- 5 nazleen nazleen 4096 Aug  8 16:50 ..
```

```
-rw-r--r-- 1 nazleen nazleen  467 Aug  8 16:57 protein.fasta
```

```
-rw-r--r-- 1 nazleen nazleen 79551 Aug  8 16:54 sequence.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls -al
```

```
total 92
```

```
drwxr-xr-x 2 nazleen nazleen 4096 Aug  8 16:57 .
```

```
drwxr-x--- 5 nazleen nazleen 4096 Aug  8 16:50 ..
```

```
-rw-r--r-- 1 nazleen nazleen  467 Aug  8 16:57 protein.fasta
```

```
-rw-r--r-- 1 nazleen nazleen 79551 Aug  8 16:54 sequence.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ cd /
```

```
nazleen@DESKTOP-KG6EI8G:/$ ls -al
```

```
total 2748
```

```
drwxr-xr-x  22 root root    4096 Aug  8 16:23 .
drwxr-xr-x  22 root root    4096 Aug  8 16:23 ..
lrwxrwxrwx   1 root root       7 Apr 22  2024 bin -> usr/bin
drwxr-xr-x   2 root root    4096 Feb 26  2024 bin.usr-is-merged
drwxr-xr-x   2 root root    4096 Apr 22  2024 boot
drwxr-xr-x  15 root root   3860 Aug  8 16:23 dev
drwxr-xr-x  88 root root    4096 Aug  8 16:40 etc
drwxr-xr-x   3 root root    4096 Aug  6 08:28 home
-rwxrwxrwx   1 root root 2724480 Jun  9 18:32 init
lrwxrwxrwx   1 root root       7 Apr 22  2024 lib -> usr/lib
drwxr-xr-x   2 root root    4096 Apr  8  2024 lib.usr-is-merged
lrwxrwxrwx   1 root root       9 Apr 22  2024 lib64 -> usr/lib64
drwx-----  2 root root   16384 Aug  6 08:27 lost+found
drwxr-xr-x   2 root root    4096 Feb 15 08:09 media
drwxr-xr-x   6 root root    4096 Aug  6 08:28 mnt
drwxr-xr-x   2 root root    4096 Feb 15 08:09 opt
dr-xr-xr-x 201 root root       0 Aug  8 16:23 proc
drwx-----   3 root root    4096 Feb 15 08:11 root
drwxr-xr-x  19 root root    560 Aug  8 16:23 run
lrwxrwxrwx   1 root root       8 Apr 22  2024 sbin -> usr/sbin
drwxr-xr-x   2 root root    4096 Mar 31  2024 sbin.usr-is-merged
drwxr-xr-x   2 root root    4096 Aug  6 08:28 snap
drwxr-xr-x   2 root root    4096 Feb 15 08:09 srv
dr-xr-xr-x  13 root root       0 Aug  8 16:23 sys
drwxrwxrwt   8 root root    4096 Aug  8 16:23 tmp
drwxr-xr-x  12 root root    4096 Feb 15 08:09 usr
drwxr-xr-x  13 root root    4096 Aug  6 08:28 var
```

```
nazleen@DESKTOP-KG6EI8G:/$ cd BE623_labsession_1
```

```
-bash: cd: BE623_labsession_1: No such file or directory
```

```
nazleen@DESKTOP-KG6EI8G:/$ cd
```

```
nazleen@DESKTOP-KG6EI8G:~$ cd BE623_labsession_1
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ chmod ugo+rwx protein.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls -al
```

```
total 92
```

```
drwxr-xr-x 2 nazleen nazleen 4096 Aug 8 16:57 .
```

```
drwxr-x--- 5 nazleen nazleen 4096 Aug 8 16:50 ..
```

```
-rwxrwxrwx 1 nazleen nazleen 467 Aug 8 16:57 protein.fasta
```

```
-rwxr-xr-x 1 nazleen nazleen 79551 Aug 8 16:54 sequence.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ chmod go-w protein.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ ls -al
```

```
total 92
```

```
drwxr-xr-x 2 nazleen nazleen 4096 Aug 8 16:57 .
```

```
drwxr-x--- 5 nazleen nazleen 4096 Aug 8 16:50 ..
```

```
-rwxr-xr-x 1 nazleen nazleen 467 Aug 8 16:57 protein.fasta
```

```
-rwxr-xr-x 1 nazleen nazleen 79551 Aug 8 16:54 sequence.fasta
```

```
nazleen@DESKTOP-KG6EI8G:~/BE623_labsession_1$ |
```