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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ 
```

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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ █
```

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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ █
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd  
/home/choudhary/Desktop/BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ █
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd  
/home/choudhary/Desktop/BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta ./  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls  
sequence.fasta  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ █
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd  
/home/choudhary/Desktop/BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta ./  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls  
sequence.fasta  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../protein.fasta ./  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls  
protein.fasta sequence.fasta  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ 
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd
/home/choudhary/Desktop
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd
/home/choudhary/Desktop/BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta .
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls
sequence.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../protein.fasta .
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls
protein.fasta sequence.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls -al
total 92
drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .
drwxr-xr-x 5 choudhary choudhary 4096 Aug 11 20:13 ..
-rw-rw-r-- 1 choudhary choudhary 467 Aug 11 20:15 protein.fasta
-rw-rw-r-- 1 choudhary choudhary 79551 Aug 11 20:14 sequence.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls -al
total 92
drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .
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-rw-rw-r-- 1 choudhary choudhary 467 Aug 11 20:15 protein.fasta
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ 
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd  
/home/choudhary/Desktop  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd  
/home/choudhary/Desktop/BE623_labsession_1  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta ./  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls  
sequence.fasta  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../protein.fasta ./  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls  
protein.fasta sequence.fasta  
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total 92  
drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .  
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod ugo=rwx protein.fasta  
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ █
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd
/home/choudhary/Desktop
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd
/home/choudhary/Desktop/BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta .
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../protein.fasta .
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod ugo=rwx protein.fasta
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ 
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choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd
/home/choudhary/Desktop
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta .
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls
sequence.fasta
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod ugo=rwx protein.fasta
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod ugo-x protein.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ 
```



choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB: ~/Desktop/BE623_labsession_1

```
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ pwd
/home/choudhary/Desktop
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ mkdir BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop$ cd BE623_labsession_1/
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ pwd
/home/choudhary/Desktop/BE623_labsession_1
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ cp ../sequence.fasta .
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls
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drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .
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-rwxrwxrwx 1 choudhary choudhary 467 Aug 11 20:15 protein.fasta
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(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod ugo-x protein.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls -al
total 92
drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .
drwxr-xr-x 5 choudhary choudhary 4096 Aug 11 20:13 ..
-rw-rw-rw- 1 choudhary choudhary 467 Aug 11 20:15 protein.fasta
-rw-rw-r-- 1 choudhary choudhary 79551 Aug 11 20:14 sequence.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ chmod o-w protein.fasta
(base) choudhary@choudhary-ASUS-TUF-Gaming-A15-FA506ICB-FA506ICB:~/Desktop/BE623_labsession_1$ ls -al
total 92
drwxrwxr-x 2 choudhary choudhary 4096 Aug 11 20:15 .
drwxr-xr-x 5 choudhary choudhary 4096 Aug 11 20:13 ..
-rw-rw-r-- 1 choudhary choudhary 467 Aug 11 20:15 protein.fasta
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