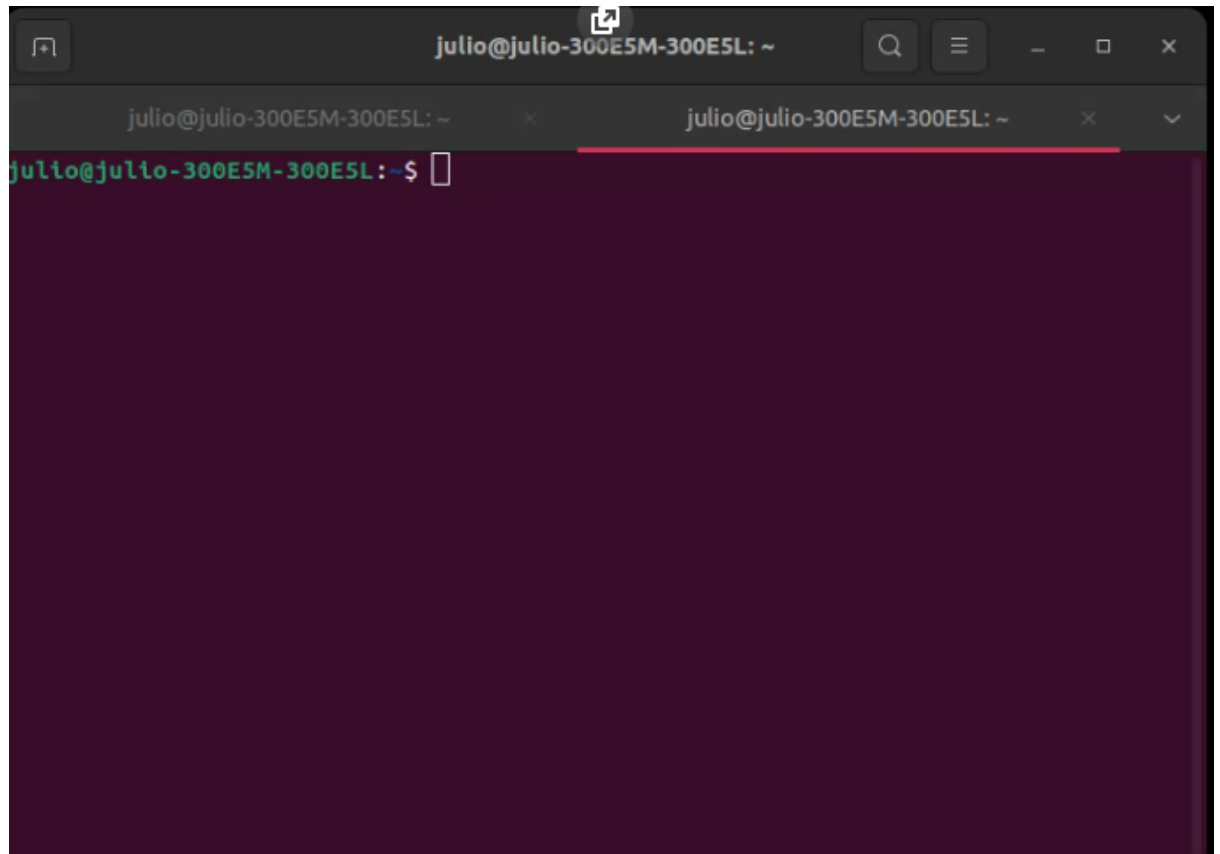


Guilherme Rimoldi Kameoka - 12011BSI200

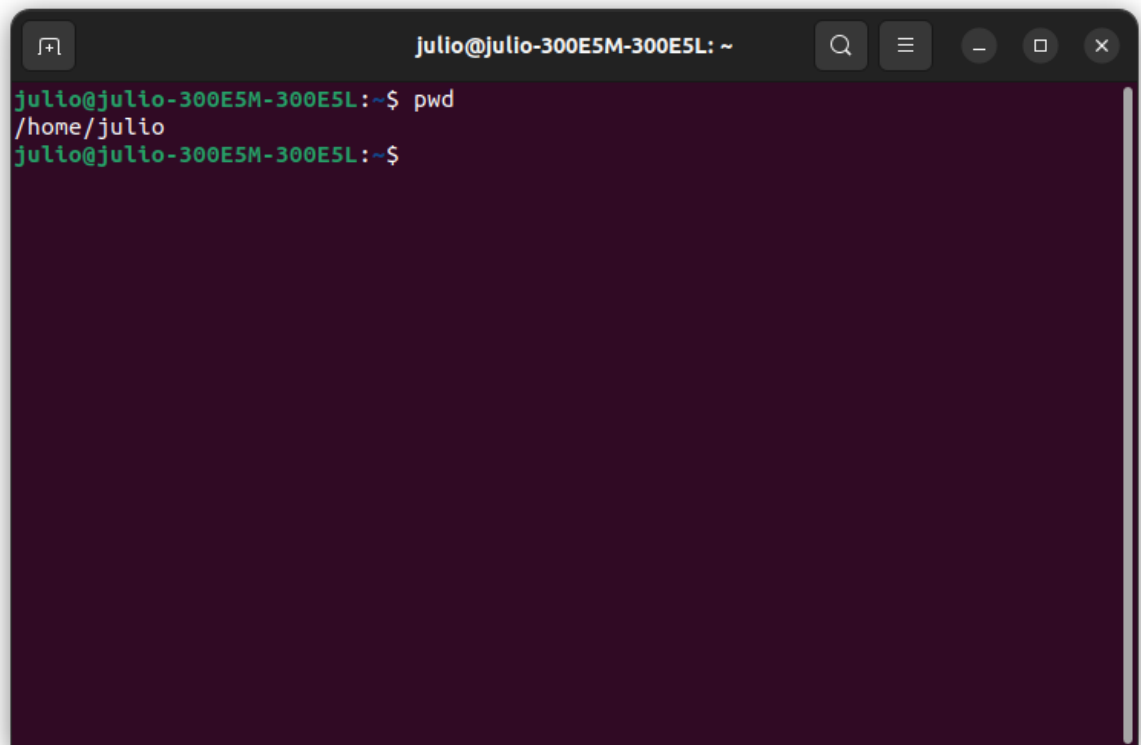
Júlio César de Jesus Batista - 12021BSI258

Relatório T01 - Aboradem Linux

1. Terminal Linux



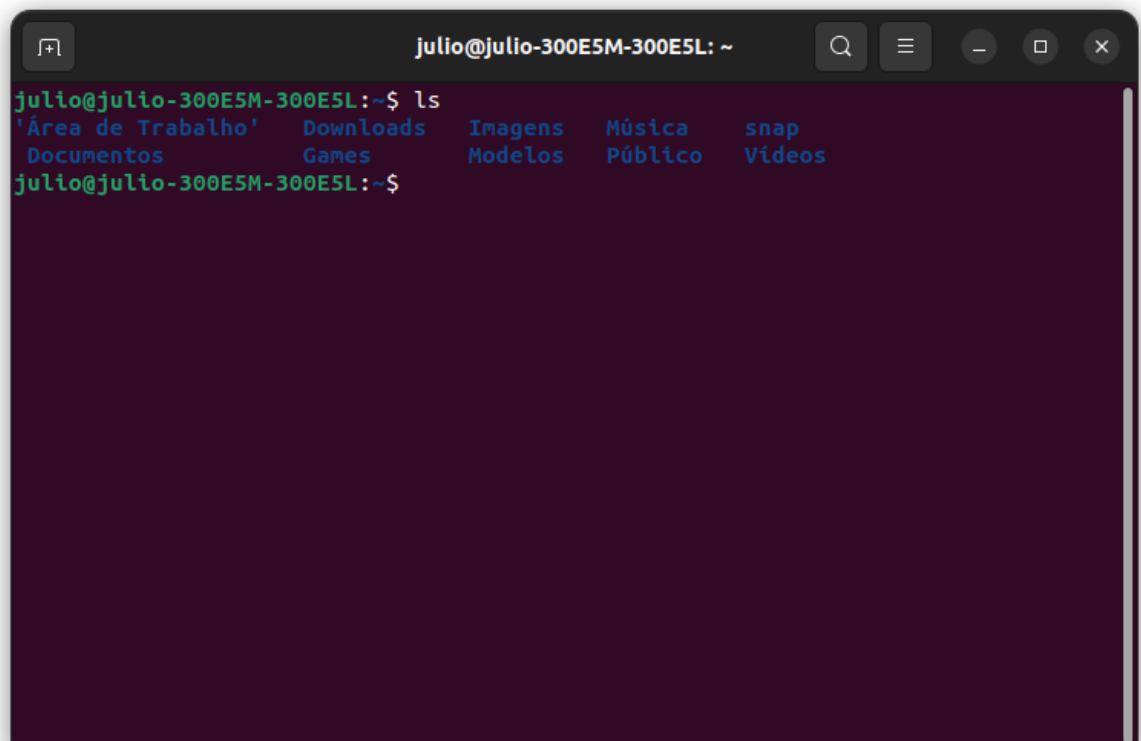
2. Utilizando o comando pwd



A terminal window titled 'julio@julio-300E5M-300E5L: ~' with standard window controls. The terminal shows the command 'pwd' being executed, which returns the path '/home/julio'. The prompt changes from 'julio@julio-300E5M-300E5L:~\$' to 'julio@julio-300E5M-300E5L:~\$' after the command is run.

```
julio@julio-300E5M-300E5L:~$ pwd
/home/julio
julio@julio-300E5M-300E5L:~$
```

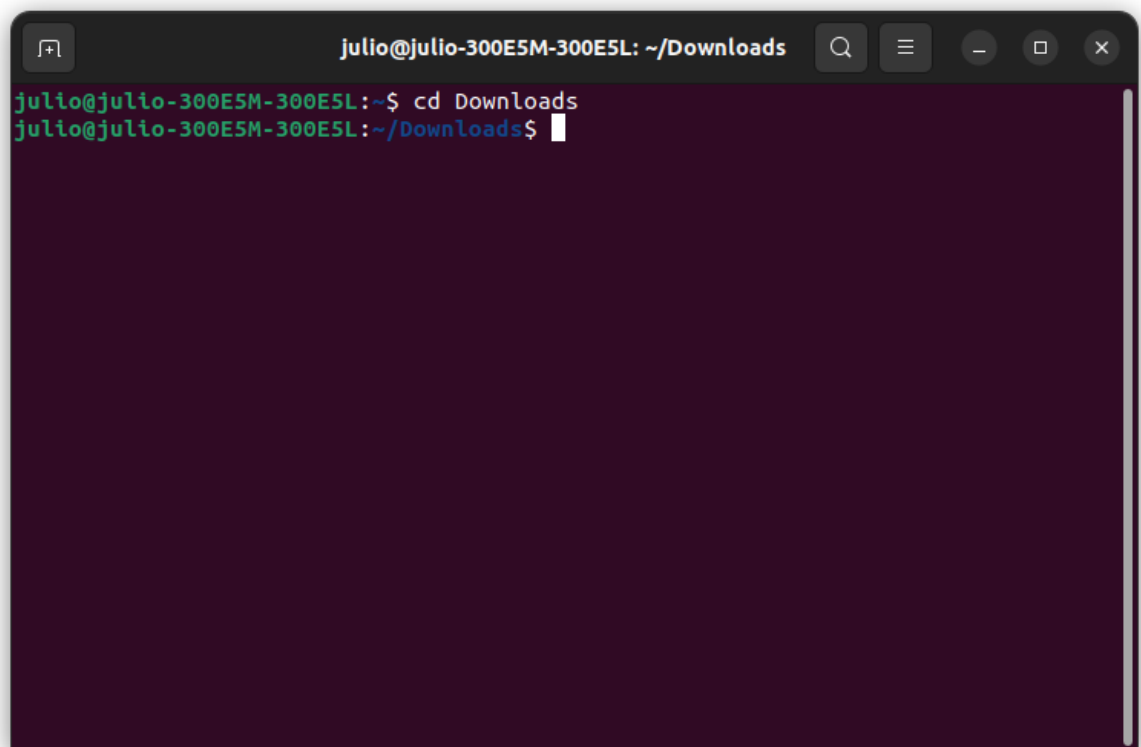
3. Executando o comando ls



A terminal window titled 'julio@julio-300E5M-300E5L: ~' with standard window controls. The terminal shows the command 'ls' being executed, which lists the contents of the home directory. The output is displayed in a colorized, multi-column format. The prompt changes from 'julio@julio-300E5M-300E5L:~\$' to 'julio@julio-300E5M-300E5L:~\$' after the command is run.

```
julio@julio-300E5M-300E5L:~$ ls
'Área de Trabalho'  Downloads  Imagens  Música  snap
Documentos          Games      Modelos  Público  Vídeos
julio@julio-300E5M-300E5L:~$
```

4. Executando o comando cd downloads

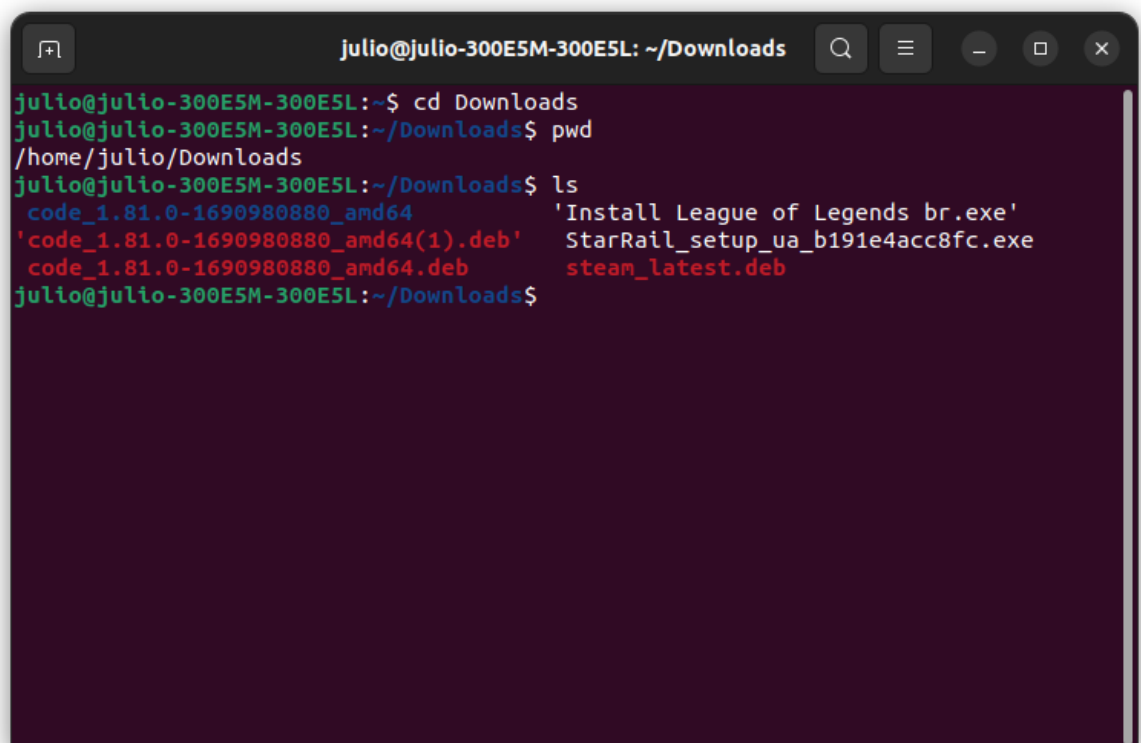


```

julia@julia-300E5M-300E5L: ~/Downloads
julia@julia-300E5M-300E5L:~$ cd Downloads
julia@julia-300E5M-300E5L:~/Downloads$

```

5. pwd e ls



```

julia@julia-300E5M-300E5L: ~/Downloads
julia@julia-300E5M-300E5L:~$ cd Downloads
julia@julia-300E5M-300E5L:~/Downloads$ pwd
/home/julio/Downloads
julia@julia-300E5M-300E5L:~/Downloads$ ls
code_1.81.0-1690980880_amd64      'Install League of Legends br.exe'
'code_1.81.0-1690980880_amd64(1).deb'  StarRail_setup_ua_b191e4acc8fc.exe
code_1.81.0-1690980880_amd64.deb    steam_latest.deb
julia@julia-300E5M-300E5L:~/Downloads$

```

6. Criando o alias e executando o comando

```
julio@julio-300E5M-300E5L: ~/Downloads
julio@julio-300E5M-300E5L:~/Downloads$ alias cls='clear; ls'
```

```
julio@julio-300E5M-300E5L: ~/Downloads
code_1.81.0-1690980880_amd64      'Install League of Legends br.exe'
'code_1.81.0-1690980880_amd64(1).deb'  StarRail_setup_ua_b191e4acc8fc.exe
code_1.81.0-1690980880_amd64.deb    steam_latest.deb
julio@julio-300E5M-300E5L:~/Downloads$ cls
```

7. Redefinindo o comando cls para mostrar o diretório

```

julia@julia-300E5M-300E5L: ~/Downloads
code_1.81.0-1690980880_amd64      'Install League of Legends br.exe'
'code_1.81.0-1690980880_amd64(1).deb'  StarRail_setup_ua_b191e4acc8fc.exe
code_1.81.0-1690980880_amd64.deb    steam_latest.deb
julia@julia-300E5M-300E5L:~/Downloads$ alias cls='clear; pwd; ls'
julia@julia-300E5M-300E5L:~/Downloads$ cls

```

```

julia@julia-300E5M-300E5L: ~/Downloads
/home/julio/Downloads
code_1.81.0-1690980880_amd64      'Install League of Legends br.exe'
'code_1.81.0-1690980880_amd64(1).deb'  StarRail_setup_ua_b191e4acc8fc.exe
code_1.81.0-1690980880_amd64.deb    steam_latest.deb
julia@julia-300E5M-300E5L:~/Downloads$

```

8. Executando o comando ping www.dropbox.com

```
julio@julia-300ESM-300ESL: ~/Downloads
julia@julia-300ESM-300ESL:~$ ping www.dropbox.com
PING www.dropbox.com(2620:100:601d:18::a27d:512): 56 data bytes
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=1 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=2 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=3 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=4 ttl=54 time=145 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=5 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=6 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=7 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=8 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=9 ttl=54 time=177 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=10 ttl=54 time=116 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=11 ttl=54 time=209 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=12 ttl=54 time=118 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=13 ttl=54 time=163 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=14 ttl=54 time=186 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=15 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=16 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=17 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=18 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=19 ttl=54 time=161 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=20 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=21 ttl=54 time=114 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=22 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=23 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=24 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=25 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=26 ttl=54 time=218 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=27 ttl=54 time=139 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=28 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=29 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=30 ttl=54 time=115 ms
64 bytes from 2620:100:601d:18::a27d:512: (2620:100:601d:18::a27d:512): icmp_seq=31 ttl=54 time=115 ms
^C
--- www.dropbox.com ping statistics ---
31 packets transmitted, 31 received, 0% packet loss, time 34275ms
rtt min/avg/max/mdev = 114.462/138.498/218.153/29.464 ms
julia@julia-300ESM-300ESL:~$
```

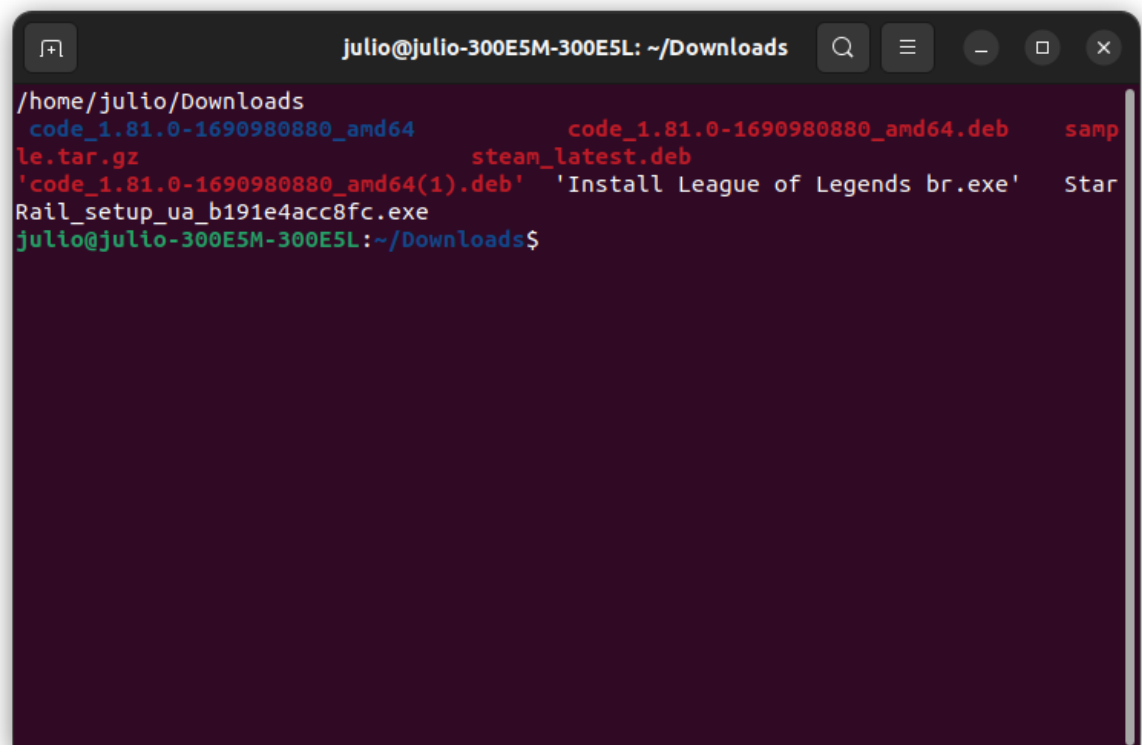
9. Executando o comando wget

```
julio@julia-300ESM-300ESL: ~/Downloads
julia@julia-300ESM-300ESL:~$ wget https://www.dropbox.com/s/2kdb1j3b477ygyv/sample.tar.gz
--2023-09-15 15:02:17-- https://www.dropbox.com/s/2kdb1j3b477ygyv/sample.tar.gz
Resolvendo www.dropbox.com (www.dropbox.com)... 2620:100:601d:18::a27d:512, 162.125.5.18
Conectando-se a www.dropbox.com (www.dropbox.com)[2620:100:601d:18::a27d:512]: 443... conectado.
A requisição HTTP foi enviada, aguardando resposta... 382 Found
Localização: /s/raw/2kdb1j3b477ygyv/sample.tar.gz [redirecionando]
--2023-09-15 15:02:18-- https://www.dropbox.com/s/raw/2kdb1j3b477ygyv/sample.tar.gz
Reaproveitando a conexão existente para [www.dropbox.com]:443.
A requisição HTTP foi enviada, aguardando resposta... 382 Found
Localização: https://uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com/cd/0/inline/C0ZfA4-BvbmUZeFVUAYxjLYP15-Ufwat017EXqIeXUKXGKEOUuW1BzYpn55CAp0XreBpqqanYLR2owbto1WUlySP7D4a1WvRBP0A62Exccr_w4yxbtqtCvQpUua0Q/file [redirecionando]
--2023-09-15 15:02:18-- https://uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com/cd/0/inline/C0ZfA4-BvbmUZeFVUAYxjLYP15-Ufwat017EXqIeXUKXGKEOUuW1BzYpn55CAp0XreBpqqanYLR2owbto1WUlySP7D4a1WvRBP0A62Exccr_w4yxbtqtCvQpUua0Q/file
Resolvendo uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com (uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com)... 2620:100:601d:15::a27d:50f, 162.125.5.15
Conectando-se a uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com (uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com)[2620:100:601d:15::a27d:50f]: 443... conectado.
A requisição HTTP foi enviada, aguardando resposta... 382 Found
Localização: cd/0/inline/C0ZfA4-BvbmUZeFVUAYxjLYP15-Ufwat017EXqIeXUKXGKEOUuW1BzYpn55CAp0XreBpqqanYLR2owbto1WUlySP7D4a1WvRBP0A62Exccr_w4yxbtqtCvQpUua0Q/file [redirecionando]
--2023-09-15 15:02:20-- https://uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com/cd/0/inline/C0ZfA4-BvbmUZeFVUAYxjLYP15-Ufwat017EXqIeXUKXGKEOUuW1BzYpn55CAp0XreBpqqanYLR2owbto1WUlySP7D4a1WvRBP0A62Exccr_w4yxbtqtCvQpUua0Q/file
Reaproveitando a conexão existente para [uc146667cc502338cc5c24e32eb8.d1.dropboxusercontent.com]:443.
A requisição HTTP foi enviada, aguardando resposta... 200 OK
Tamanho: 2047076 (2,0M) [application/octet-stream]
Salvando em: 'sample.tar.gz'

sample.tar.gz 100%[=====] 1,95M 2,57MB/s em 0,8s

2023-09-15 15:02:21 (2,57 MB/s) - 'sample.tar.gz' salvo [2047076/2047076]
julia@julia-300ESM-300ESL:~/Downloads
```

10. Executando o comando `cls` novamente

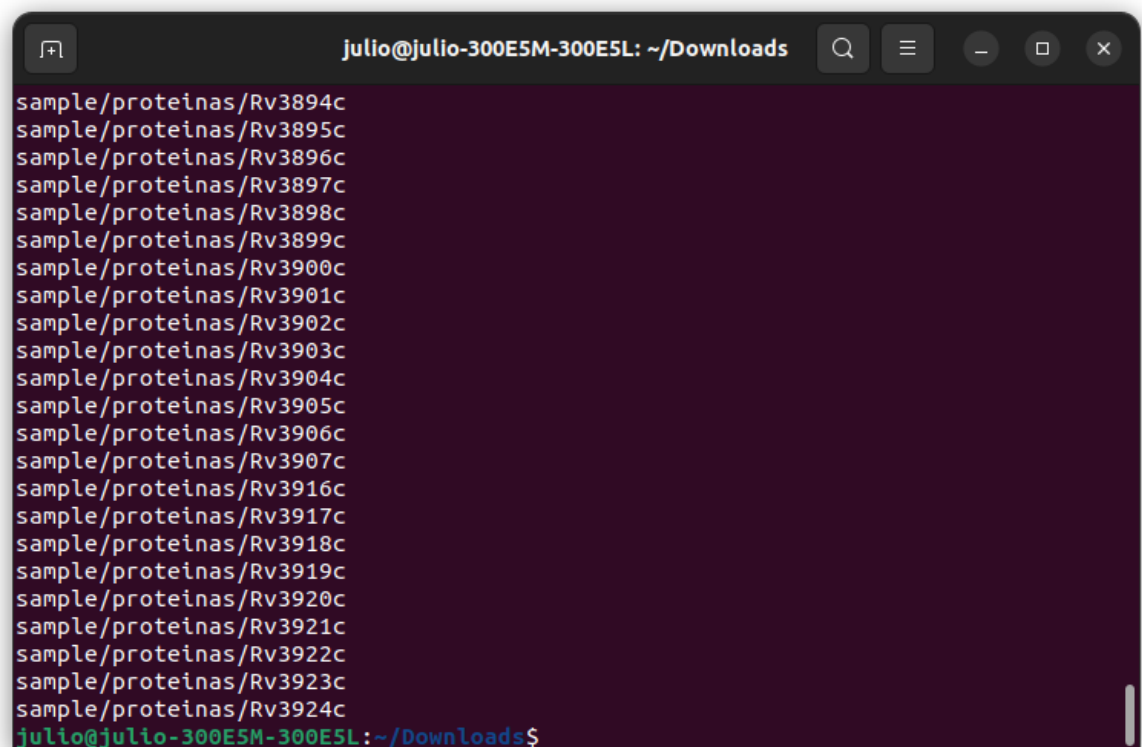


```

julia@julia-300E5M-300E5L: ~/Downloads
/home/julio/Downloads
code_1.81.0-1690980880_amd64      code_1.81.0-1690980880_amd64.deb  samp
le.tar.gz                        steam_latest.deb
'code_1.81.0-1690980880_amd64(1).deb' 'Install League of Legends br.exe' Star
Rail_setup_ua_b191e4acc8fc.exe
julia@julia-300E5M-300E5L:~/Downloads$

```

11. Executando o comando `tar -xvf sample.tar.gz`

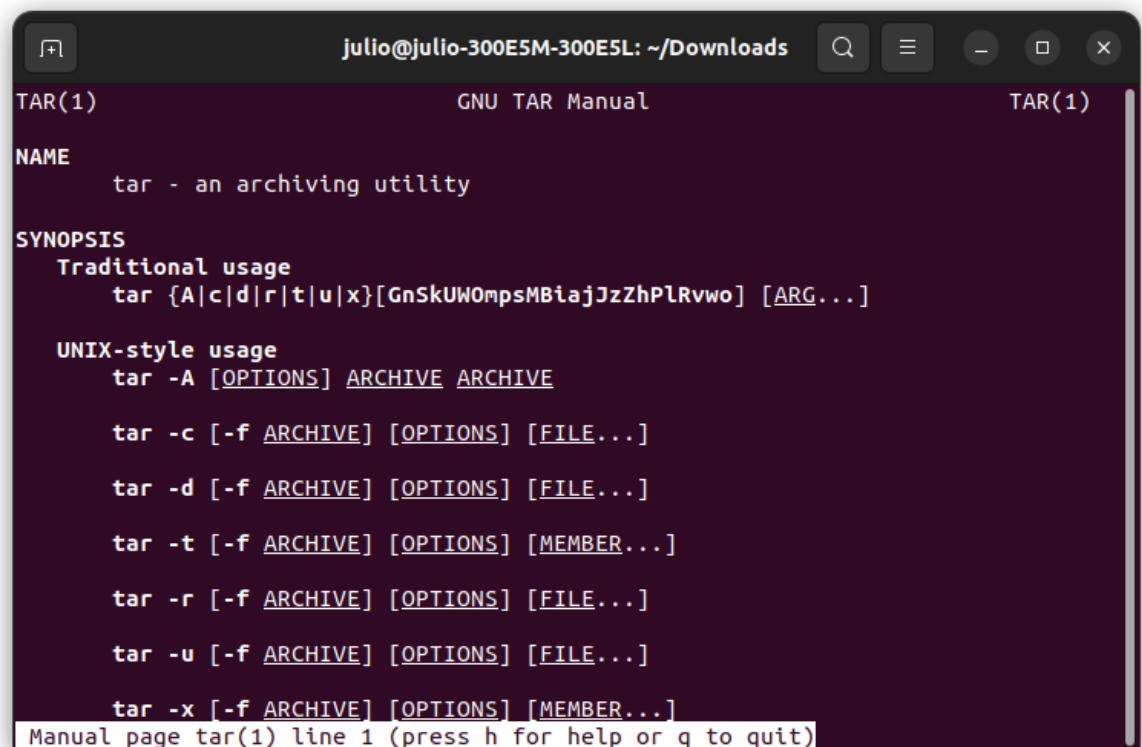


```

julia@julia-300E5M-300E5L: ~/Downloads
sample/proteinas/Rv3894c
sample/proteinas/Rv3895c
sample/proteinas/Rv3896c
sample/proteinas/Rv3897c
sample/proteinas/Rv3898c
sample/proteinas/Rv3899c
sample/proteinas/Rv3900c
sample/proteinas/Rv3901c
sample/proteinas/Rv3902c
sample/proteinas/Rv3903c
sample/proteinas/Rv3904c
sample/proteinas/Rv3905c
sample/proteinas/Rv3906c
sample/proteinas/Rv3907c
sample/proteinas/Rv3916c
sample/proteinas/Rv3917c
sample/proteinas/Rv3918c
sample/proteinas/Rv3919c
sample/proteinas/Rv3920c
sample/proteinas/Rv3921c
sample/proteinas/Rv3922c
sample/proteinas/Rv3923c
sample/proteinas/Rv3924c
julia@julia-300E5M-300E5L:~/Downloads$

```

12. Executando o comando man tar



A terminal window titled "julio@julio-300E5M-300E5L: ~/Downloads" displays the GNU TAR Manual. The window has a dark background with light-colored text. The manual content is as follows:

```
TAR(1)                                GNU TAR Manual                                TAR(1)

NAME
  tar - an archiving utility

SYNOPSIS
  Traditional usage
    tar {A|c|d|r|t|u|x}[GnSkUWompsMBiajJzZhPlRvwo] [ARG...]

  UNIX-style usage
    tar -A [OPTIONS] ARCHIVE ARCHIVE

    tar -c [-f ARCHIVE] [OPTIONS] [FILE...]

    tar -d [-f ARCHIVE] [OPTIONS] [FILE...]

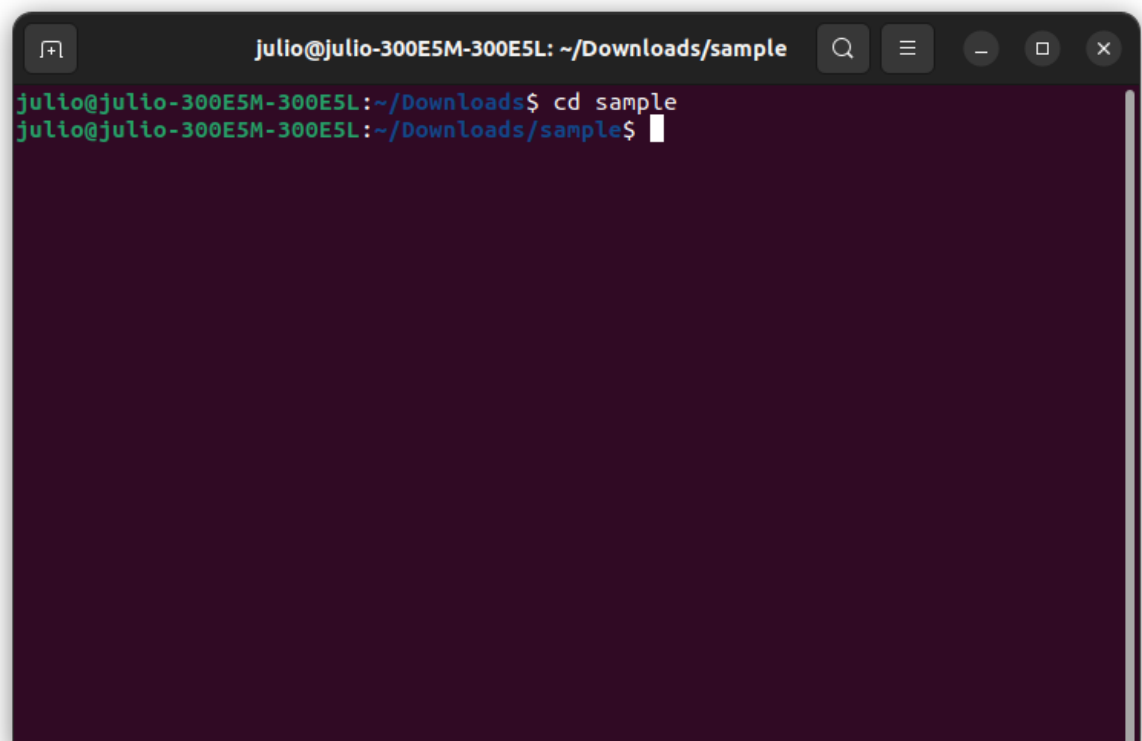
    tar -t [-f ARCHIVE] [OPTIONS] [MEMBER...]

    tar -r [-f ARCHIVE] [OPTIONS] [FILE...]

    tar -u [-f ARCHIVE] [OPTIONS] [FILE...]

    tar -x [-f ARCHIVE] [OPTIONS] [MEMBER...]
Manual page tar(1) line 1 (press h for help or q to quit)
```

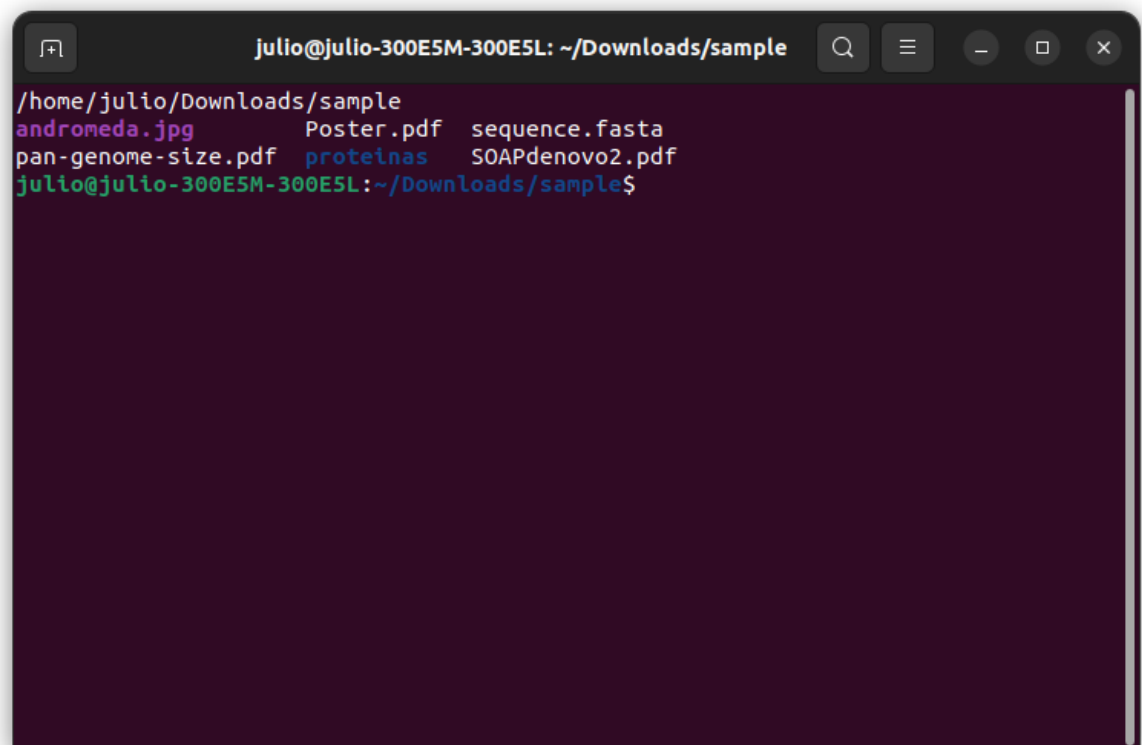
13. Executando cd sample



A terminal window titled "julio@julio-300E5M-300E5L: ~/Downloads/sample" shows the execution of the 'cd' command. The prompt changes from the parent directory to the 'sample' subdirectory.

```
julio@julio-300E5M-300E5L: ~/Downloads$ cd sample
julio@julio-300E5M-300E5L: ~/Downloads/sample$
```

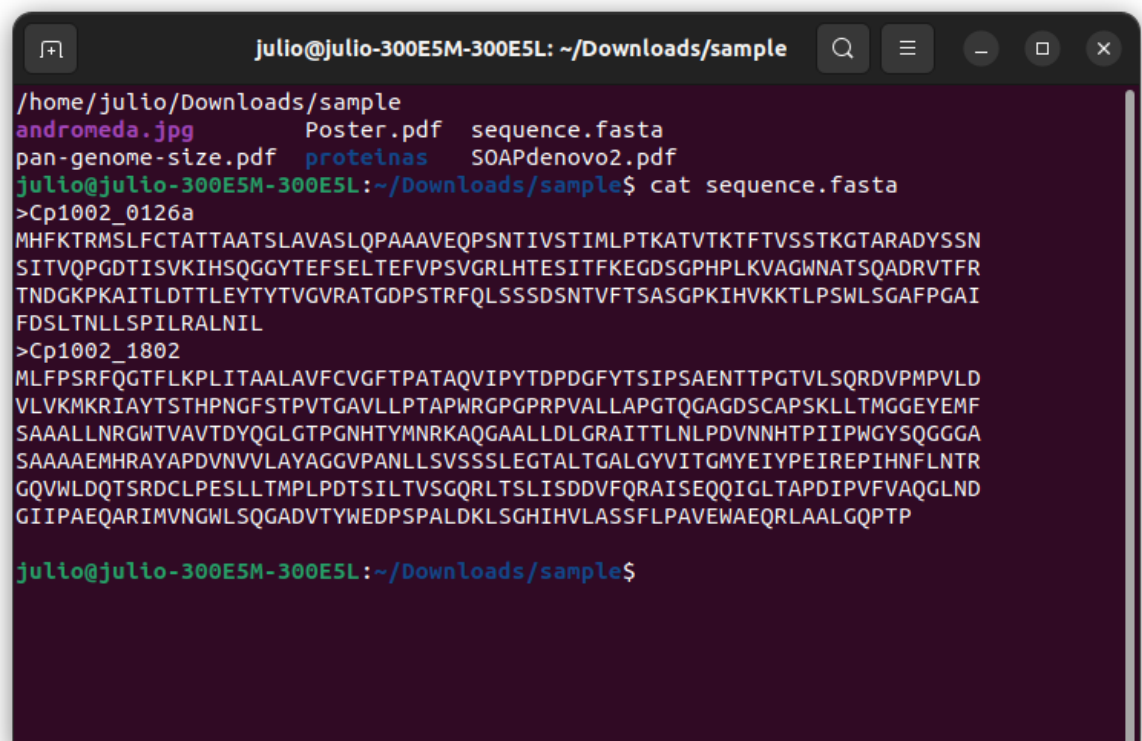

14. Executando o comando `ls` na pasta `sample`



```

julia@julia-300E5M-300E5L: ~/Downloads/sample
/home/julio/Downloads/sample
andromeda.jpg      Poster.pdf  sequence.fasta
pan-genome-size.pdf  proteínas  SOAPdenovo2.pdf
julia@julia-300E5M-300E5L:~/Downloads/sample$
```

15. Executando o comando `cat sequence.fasta`



```

julia@julia-300E5M-300E5L: ~/Downloads/sample
/home/julio/Downloads/sample
andromeda.jpg      Poster.pdf  sequence.fasta
pan-genome-size.pdf  proteínas  SOAPdenovo2.pdf
julia@julia-300E5M-300E5L:~/Downloads/sample$ cat sequence.fasta
>Cp1002_0126a
MHFKTRMSLFCTATTAATSLAVASLQPAAAVEQPSNTIVSTIMLPKATVTKTFTVSSTKGTARADYSSN
SITVQPGDTISVKIHSQGGYTEFSELTEFVPSVGRLLHTESITFKEGDSGPHPLKVAGWNATSQADRVTFR
TNDGKPKAITLDTTLEYTYTVGVRATGDPSTRFQLSSSDSNTVFTSASGPKIHVKKTLPSWLSGAFFGAI
FDSLTLNLLSPILRALNIL
>Cp1002_1802
MLFPSRFQGTFLKPLITAALAVFCVGFTPATAQVIPYTDPDGFYTSIPSAENTTPGTVLSQRDVPMPVLD
VLVKMKRIAYTSTHPNGFSTPVTGAVLLPTAPWRGPGPRPVALLAPGTQGAGDSCAPSKLLTMGGEYEMF
SAAALLNRGWTVAVDYQGLGTPGNHTYMNRKAQGAALLDLGRAITTLNLPDVNNHTPIIPWGYSQGGGA
SAAAAEMHRAYAPDVNVVLAYAGGVANLLSVSSSLEGTALTGALGYVITGMYEIYPEIREPIHNFLNTR
GQVWLDQTSRDCLPESLLTMPLPDTSILTVSGQRLTSLISDDVFQRAISEQQIGLTAPDIPVFAQGLND
GIIPAEQARIMVNGWLSQGADVTYWEDPSPALDKLSGHIHVLASSFLPAVEWAEQRLAALGQPTP

julia@julia-300E5M-300E5L:~/Downloads/sample$
```

16. Executando o comando cat Poster.pdf

```
julio@julio-300E5M-300E5L: ~/Downloads/sample
0000499883 00000 n
0000500088 00000 n
0000500479 00000 n
0000500733 00000 n
0000523665 00000 n
0000523688 00000 n
0000523884 00000 n
0000524476 00000 n
0000524908 00000 n
0000531712 00000 n
0000531734 00000 n
0000531940 00000 n
0000532319 00000 n
0000532565 00000 n
0000543565 00000 n
0000543589 00000 n
0000543787 00000 n
0000544347 00000 n
0000544738 00000 n
0000553625 00000 n
0000553648 00000 n
0000553845 00000 n
0000554253 00000 n
0000554510 00000 n
0000564816 00000 n
0000564840 00000 n
0000565032 00000 n
0000565593 00000 n
0000565993 00000 n
0000580548 00000 n
0000580572 00000 n
0000580775 00000 n
0000581232 00000 n
0000581541 00000 n
0000605489 00000 n
0000605433 00000 n
0000605626 00000 n
0000606254 00000 n
0000606725 00000 n
0000606868 00000 n
0000607712 00000 n
0000607771 00000 n
0000608140 00000 n
0000608289 00000 n
craller
~/size 133/Root 131 0 R
/info 132 0 R
/ID [ <5F6A868B2128C51092D38C7F8FB9F1CA>
<5F6A868B2128C51092D38C7F8FB9F1CA> ]
/docChecksum /09C6A8401D28C6EFA9BA21C12C34EED
s>
startxref
08584
%%EOF
julio@julio-300E5M-300E5L:~/Downloads/sample$
```

17. Executando o comando ls proteínas na pasta sample

```
julio@julio-300E5M-300E5L: ~/Downloads/sample
Rv0419 Rv0850 Rv1289 Rv1724c Rv2166c Rv2600 Rv3036c Rv3472 Rv3910
Rv0420c Rv0851c Rv1290A Rv1725c Rv2167c Rv2601 Rv3037c Rv3473c Rv3911
Rv0421c Rv0852 Rv1290c Rv1726 Rv2168c Rv2601A Rv3038c Rv3474 Rv3912
Rv0422c Rv0853c Rv1291c Rv1727 Rv2169c Rv2602 Rv3039c Rv3475 Rv3913
Rv0423c Rv0854 Rv1292 Rv1728c Rv2170 Rv2603c Rv3040c Rv3476c Rv3914
Rv0424c Rv0855 Rv1293 Rv1729c Rv2171 Rv2604c Rv3041c Rv3477 Rv3915
Rv0425c Rv0856 Rv1294 Rv1730c Rv2172c Rv2605c Rv3042c Rv3478 Rv3916c
Rv0426c Rv0857 Rv1295 Rv1731 Rv2173 Rv2606c Rv3043c Rv3479 Rv3917c
Rv0427c Rv0858c Rv1296 Rv1732c Rv2174 Rv2607 Rv3044 Rv3480c Rv3918c
Rv0428c Rv0859 Rv1297 Rv1733c Rv2175c Rv2608 Rv3045 Rv3481c Rv3919c
Rv0429c Rv0860 Rv1298 Rv1734c Rv2176 Rv2609c Rv3046c Rv3482c Rv3920c
Rv0430 Rv0861c Rv1299 Rv1735c Rv2177c Rv2610c Rv3047c Rv3483c Rv3921c
Rv0431 Rv0862c Rv1300 Rv1736c Rv2178c Rv2611c Rv3048c Rv3484 Rv3922c
Rv0432 Rv0863 Rv1301 Rv1737c Rv2179c Rv2612c Rv3049c Rv3485c Rv3923c
Rv0433 Rv0864 Rv1302 Rv1738 Rv2180c Rv2613c Rv3050c Rv3486 Rv3924c
Rv0434 Rv0865 Rv1303 Rv1739c Rv2181 Rv2614A Rv3051c Rv3487c
Rv0435c Rv0866 Rv1304 Rv1740 Rv2182c Rv2614c Rv3052c Rv3488
Rv0436c Rv0867c Rv1305 Rv1741 Rv2183c Rv2615c Rv3053c Rv3489
Rv0437c Rv0868c Rv1306 Rv1742 Rv2184c Rv2616 Rv3054c Rv3490
Rv0438c Rv0869c Rv1307 Rv1743 Rv2185c Rv2617c Rv3055 Rv3491
Rv0439c Rv0870c Rv1308 Rv1744c Rv2186c Rv2618 Rv3056 Rv3492c
Rv0440 Rv0871 Rv1309 Rv1745c Rv2187 Rv2619c Rv3057c Rv3493c
Rv0441c Rv0872c Rv1310 Rv1746 Rv2188c Rv2620c Rv3058c Rv3494c
julio@julio-300E5M-300E5L:~/Downloads/sample$
```

18. Executando o comando `cat proteínas/* > mt.fasta`

```
julio@jullo-300E5M-300E5L: ~/Downloads/sample
Rv0420c Rv0851c Rv1290A Rv1725c Rv2167c Rv2601 Rv3037c Rv3473c Rv3911
Rv0421c Rv0852 Rv1290c Rv1726 Rv2168c Rv2601A Rv3038c Rv3474 Rv3912
Rv0422c Rv0853c Rv1291c Rv1727 Rv2169c Rv2602 Rv3039c Rv3475 Rv3913
Rv0423c Rv0854 Rv1292 Rv1728c Rv2170 Rv2603c Rv3040c Rv3476c Rv3914
Rv0424c Rv0855 Rv1293 Rv1729c Rv2171 Rv2604c Rv3041c Rv3477 Rv3915
Rv0425c Rv0856 Rv1294 Rv1730c Rv2172c Rv2605c Rv3042c Rv3478 Rv3916c
Rv0426c Rv0857 Rv1295 Rv1731 Rv2173 Rv2606c Rv3043c Rv3479 Rv3917c
Rv0427c Rv0858c Rv1296 Rv1732c Rv2174 Rv2607 Rv3044 Rv3480c Rv3918c
Rv0428c Rv0859 Rv1297 Rv1733c Rv2175c Rv2608 Rv3045 Rv3481c Rv3919c
Rv0429c Rv0860 Rv1298 Rv1734c Rv2176 Rv2609c Rv3046c Rv3482c Rv3920c
Rv0430 Rv0861c Rv1299 Rv1735c Rv2177c Rv2610c Rv3047c Rv3483c Rv3921c
Rv0431 Rv0862c Rv1300 Rv1736c Rv2178c Rv2611c Rv3048c Rv3484 Rv3922c
Rv0432 Rv0863 Rv1301 Rv1737c Rv2179c Rv2612c Rv3049c Rv3485c Rv3923c
Rv0433 Rv0864 Rv1302 Rv1738 Rv2180c Rv2613c Rv3050c Rv3486 Rv3924c
Rv0434 Rv0865 Rv1303 Rv1739c Rv2181 Rv2614A Rv3051c Rv3487c
Rv0435c Rv0866 Rv1304 Rv1740 Rv2182c Rv2614c Rv3052c Rv3488
Rv0436c Rv0867c Rv1305 Rv1741 Rv2183c Rv2615c Rv3053c Rv3489
Rv0437c Rv0868c Rv1306 Rv1742 Rv2184c Rv2616 Rv3054c Rv3490
Rv0438c Rv0869c Rv1307 Rv1743 Rv2185c Rv2617c Rv3055 Rv3491
Rv0439c Rv0870c Rv1308 Rv1744c Rv2186c Rv2618 Rv3056 Rv3492c
Rv0440 Rv0871 Rv1309 Rv1745c Rv2187 Rv2619c Rv3057c Rv3493c
Rv0441c Rv0872c Rv1310 Rv1746 Rv2188c Rv2620c Rv3058c Rv3494c
julio@jullo-300E5M-300E5L:~/Downloads/sample$ cat proteínas/*>mt.fasta
julio@jullo-300E5M-300E5L:~/Downloads/sample$
```

19. Listando o conteúdo do arquivo `mt.fasta` utilizando o comando `cat`

```
julio@jullo-300E5M-300E5L: ~/Downloads/sample
ESWVQDQLGGSDAAVSRVAALDKLTKWSMPLIRPNRMLAIKGERAHDEVREHRRVMIA
SGAVDVRVVTGANYLRPPATVVFARRGKQIARGSARMASGGTA
>Rv3920c
MADADTTDFDVAEAPGGGVREDTATDADEADDQEERLVAEGEIAGDYLEELLVDLDFDG
DIDLVEGNRAVVSIDGSDDLKLVGRGGEVLDAQLQELTRLAVHQKTGVRSLMLDIARW
RRRRREELAALADEVARRVAETGDREELVPMTPFERKIVHDAVAAPGVHSESEGVPER
RVVLRD
>Rv3921c
MSLLFDFFSLDFIYYPVSWIMWVYRLFAFVLGPSNFFAWALSVMFLVFTLRALLYKPFV
RQIRTTQMQELQPQIKALQKKYKDRQMALEMQKLQREHGFNPILGCLPMLAQIPVFL
GLYHVLRSFNRTTGGFGQPHLSVIENRLTGNYVFSVPDVGHFLDANLFGAPIGAYMTQRS
GLDAFVDFSRPALIAGVVPVMIAGIATYFNSRASIARQSAEAAANPQTAMMNKLALYVF
PLGVVVGPPFLPLAILYWFNNIWTFGQHYVFGMIEKEEEAKKQEAARRRAANAPAPG
AKPKRSPKTAPATNAAAPTEAGDTDGAESDASTERPADTSNPARRNSGPSARTPRPGVR
PKKRKR
>Rv3922c
MSLSRQSCGRVVRVTGRASARGLIFVIQVYRHMLSPLRPASCRFVPTCSQYAVDALTEYG
LLRGSWLTMIRLAKCGPWHRGWDPIPEGLTTGRSCQTDVDGANDDWNPAKRGERESFV
>Rv3923c
MLRARNMRMSADFETT VKHGMRTVRSMDMVVYWRGSGGPRVGLIIAKSVGSAVERHRV
ARRLRHVAGSIVKELHPSDHVVIRALPSSRHVSSARLEQQLRCGLRRAVELAGSDR
>Rv3924c
MTKGKRTFQPNRRRARVHGFRMLMRTRAGRSIVSSRRRKGRRTL SA
julio@jullo-300E5M-300E5L:~/Downloads/sample$
```

20. Listando o conteúdo do arquivo mt.fast com o comando more e less

```
julio@julio-300E5M-300E5L: ~/Downloads/sample

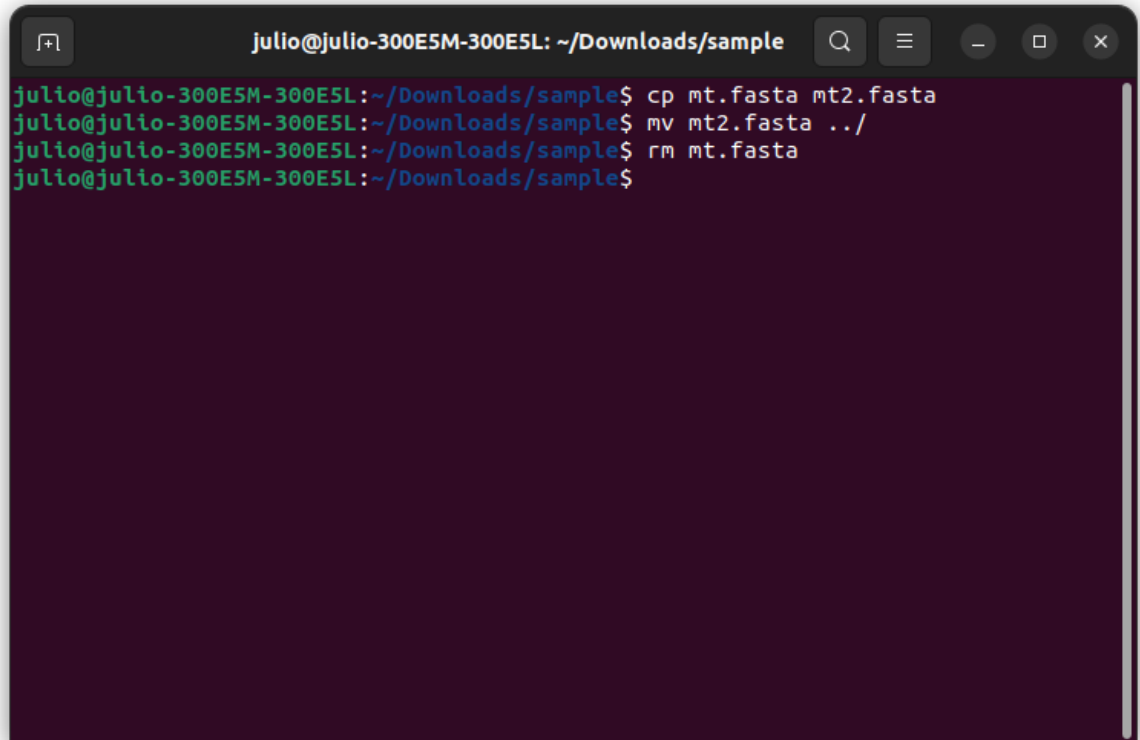
>Rv0001
MTDDPGSGFTTVWNAVSELNGDPKVDDGPSSDANLSAPLTPQQRAWNLVQPLTIVEGF
ALLSVPSSFVQNEIERHLRAPITDALSRRLGHQIQLGVRIAPPATDEADTTVPPSENPA
TTSPDTTTTDNDEIDDSAAAARGDNQHSWPSYFTERPHNTDSATAGVTSLNRRYTFDTFVIG
ASNRFAHAAALAAEAPARAYNPLFIWGESGLGKTHLLHAAGNYAQRLLFPGMRVKYVSTE
EFTNDFINSLRDDRKVAFKRSYRDVDVLLVDDIQFIEGKEGIEEFFHTFNTLHNANKQI
VISSDRPPKQLATLEDRLRTRFEWGLITDVQPPELETRIALRKKQAQMERLAVPDDVLEL
IASSIERNIRELEGALIRVTAFASLNKTPIDKALAEIVLRDLIADANTMQISAATIMAAT
AEYFDTTVEELRGP GKTRALAQSRQIAMYLCRELTDLSLPKIGQAFGRDHTTVMYAQRKI
LSEMAERREVFHDVKELTTRIRQSKR
>Rv0002
MDAATTRVGLTDLTFRLLRESFADAVSWAKNLPARPAVPVLSGVLLTGSDNGLTISGFD
YEVSAAEQVGAEIVSPGSLVSGRLLSDITRALPNKPVVDHVEGNRVALTCGNARFSLPT
MPVEDYPTLPTLPEETGLLPAELFAEAI SQVAIAAGRDDTL PMLTGIRVEILGETVVLAA
TDRFRLAVRELKWSASSPDIEAAVLVPAKTLAEAAKAGIGGSDVRLSLGTGPGVGKDGLL
GISGNGKRSTTRLLDAEFPKFRQLLPT EHTAVATMDVAELIEAIKLVALVADRGAVRME
FADGSVRLSAGADDVGRAEEDLVVDYAGEPLTIAFNPTYLTDGLSSLRSERVSFGFTTAG
KPALLRPVSGDDRPVAGLNGNGPFAVSTDYVYLLMPVRLPG
>Rv0003
MYVRHLGLRDFRSWACVDLELHPGRTVFVGPNGYGKTNLIEALWYSTTLGSHRVSADLPL
IRVGTDRAVISTIVVNDGRECAVDLEIATGRVNKARLNRSSVRSTRDVVGVLRAVLFAPE
DLGLVRGDPADRRRYLDDLAIVRRPAIAAVRAEYERVLRQRTALLKSVPGARYRGDRGVF
DTLEWWSRLAEHGAELVAARIDLNVQLAPEVKKAYQLLAPESRSASIGYRASMDVTGPS
--Mais--(0%)
```

21. Executando o comando head -n 10 mt.fasta

```
julio@julio-300E5M-300E5L: ~/Downloads/sample

julio@julio-300E5M-300E5L:~/Downloads/sample$ head -n 10 mt.fasta
>Rv0001
MTDDPGSGFTTVWNAVSELNGDPKVDDGPSSDANLSAPLTPQQRAWNLVQPLTIVEGF
ALLSVPSSFVQNEIERHLRAPITDALSRRLGHQIQLGVRIAPPATDEADTTVPPSENPA
TTSPDTTTTDNDEIDDSAAAARGDNQHSWPSYFTERPHNTDSATAGVTSLNRRYTFDTFVIG
ASNRFAHAAALAAEAPARAYNPLFIWGESGLGKTHLLHAAGNYAQRLLFPGMRVKYVSTE
EFTNDFINSLRDDRKVAFKRSYRDVDVLLVDDIQFIEGKEGIEEFFHTFNTLHNANKQI
VISSDRPPKQLATLEDRLRTRFEWGLITDVQPPELETRIALRKKQAQMERLAVPDDVLEL
IASSIERNIRELEGALIRVTAFASLNKTPIDKALAEIVLRDLIADANTMQISAATIMAAT
AEYFDTTVEELRGP GKTRALAQSRQIAMYLCRELTDLSLPKIGQAFGRDHTTVMYAQRKI
LSEMAERREVFHDVKELTTRIRQSKR
julio@julio-300E5M-300E5L:~/Downloads/sample$
```

22. Criando a cópia do mt.fasta (mt2.fasta), movendo para a pasta pai e removendo o arquivo mt.fasta

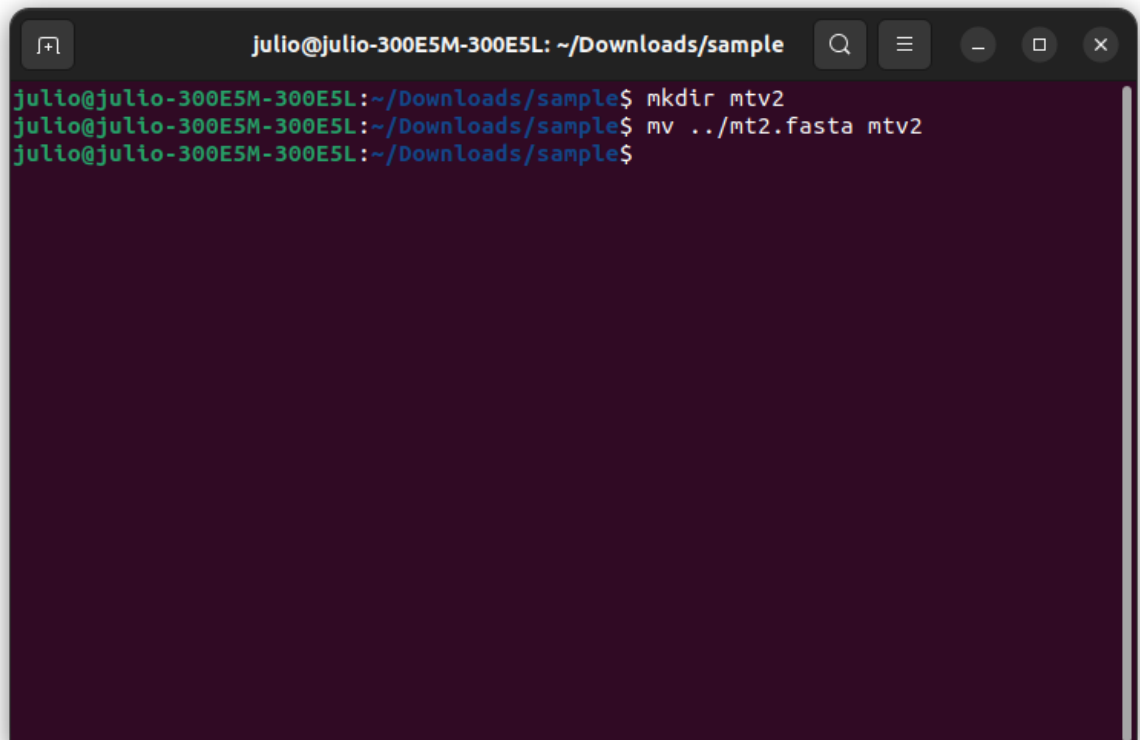


```

julia@julia-300E5M-300E5L: ~/Downloads/sample
julia@julia-300E5M-300E5L:~/Downloads/sample$ cp mt.fasta mt2.fasta
julia@julia-300E5M-300E5L:~/Downloads/sample$ mv mt2.fasta ../
julia@julia-300E5M-300E5L:~/Downloads/sample$ rm mt.fasta
julia@julia-300E5M-300E5L:~/Downloads/sample$

```

23. Criando a pasta mtv2 com o comando mkdir mtv2 e movendo o arquivo mt2.fasta para dentro deste diretório



```

julia@julia-300E5M-300E5L: ~/Downloads/sample
julia@julia-300E5M-300E5L:~/Downloads/sample$ mkdir mtv2
julia@julia-300E5M-300E5L:~/Downloads/sample$ mv ../mt2.fasta mtv2
julia@julia-300E5M-300E5L:~/Downloads/sample$

```

24. Executando o comando rm mtv2

```

julia@julia-300E5M-300E5L: ~/Downloads/sample
/home/julio/Downloads/sample
andromeda.jpg pan-genome-size.pdf proteínas SOAPdenovo2.pdf
mtv2 Poster.pdf sequence.fasta
julia@julia-300E5M-300E5L:~/Downloads/sample$ mv mtv2
mtv2: comando não encontrado
julia@julia-300E5M-300E5L:~/Downloads/sample$ ls mtv2
mt2.fasta
julia@julia-300E5M-300E5L:~/Downloads/sample$ rm mtv2
rm: não foi possível remover 'mtv2': É um diretório
julia@julia-300E5M-300E5L:~/Downloads/sample$
```

25. Executando o comando history

```

julia@julia-300E5M-300E5L: ~/Downloads/sample
124 more
125 less
126 more mt.fasta
127 clear
128 head -n 10 mt.fasta
129 clear
130 cp mt.fasta mt2.fasta
131 mv mt2.fasta ../
132 rm mt.fasta
133 clear
134 mkdir mtv2
135 mv ../mt2.fasta mtv2
136 cls
137 rm mtv2
138 ls proteina
139 ls proteínas
140 rm mtv2
141 clear
142 cls
143 mtv2
144 ls mtv2
145 rm mtv2
146 history
julia@julia-300E5M-300E5L:~/Downloads/sample$
```