

1. Vá até seu diretório home e crie um diretório chamado “teste”. Use o comando `ls` para ver que o diretório foi criado. Remova o diretório criado e use novamente o comando `ls` para ver que a pasta foi removida.

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: ~
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Modelos Música Público Vídeos
kauan@debian:~$ mkdir teste
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Modelos Música Público teste Vídeos
kauan@debian:~$ rmdir teste/
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Modelos Música Público Vídeos
kauan@debian:~$
```

2. Qual é a diferença entre os resultados produzidos pelos dois comandos a seguir?

`$ touch "arquivo novo"` e `$ touch arquivo novo`

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: ~
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Modelos Música Público Vídeos
kauan@debian:~$ touch arquivo novo
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Música Público
arquivo Downloads Modelos novo Vídeos
kauan@debian:~$ touch "arquivo novo"
kauan@debian:~$ ls
'Área de trabalho' 'arquivo novo' Downloads Modelos novo Vídeos
arquivo Documentos Imagens Música Público
kauan@debian:~$
```

O comando **`touch arquivo novo`** criou 2 arquivos, arquivo “novo” e o arquivo “arquivo”, enquanto o comando **`touch “arquivo novo”`** criou apenas o arquivo “arquivo novo”.

3. Crie um arquivo chamado “teste” em seu diretório home, usando o comando `touch`. Use um comando que você já aprendeu para ver a data do novo arquivo criado. Mude a data do arquivo para a data do seu nascimento e verifique a nova data do arquivo.

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: ~
kauan@debian:~$ ls
'Área de trabalho' Documentos Downloads Imagens Modelos Música Público Vídeos
kauan@debian:~$ touch teste
kauan@debian:~$ ls -l teste
-rw-r--r-- 1 kauan kauan 0 fev 19 17:12 teste
kauan@debian:~$ touch -t 12282000 teste
kauan@debian:~$ ls -l teste
-rw-r--r-- 1 kauan kauan 0 dez 28 2022 teste
kauan@debian:~$
```

4. Crie um diretório chamado "pastateste" dentro do diretório /tmp. Dentro de "pastateste", isto é, no /tmp/Pastateste, crie outra pasta chamada aula. Dentro de aula crie outro diretório chamado linux. Dentro de linux, crie um arquivo chamado "arquivoteste".

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: /tmp
root@debian:/tmp# ls
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:/tmp# mkdir -p /tmp/pastateste/aula/linux
root@debian:/tmp# ls
pastateste
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:/tmp# cd pastateste/aula/linux/
root@debian:/tmp/pastateste/aula/linux# touch arquivoteste
root@debian:/tmp/pastateste/aula/linux# ls
arquivoteste
root@debian:/tmp/pastateste/aula/linux#
```

a) Remova somente o arquivo "arquivoteste"

```
root@debian:/tmp/pastateste/aula/linux# ls
arquivoteste
root@debian:/tmp/pastateste/aula/linux# rm arquivoteste
root@debian:/tmp/pastateste/aula/linux# ls
root@debian:/tmp/pastateste/aula/linux#
```

b) Remova somente a pasta linux

```
root@debian:/tmp/pastateste/aula# ls -l
total 4
drwxr-xr-x 2 root root 4096 fev 19 17:21 linux
root@debian:/tmp/pastateste/aula# rmdir linux/
root@debian:/tmp/pastateste/aula# ls -l
total 0
root@debian:/tmp/pastateste/aula#
```

c) Remova as pastas que sobraram (pastatestes e aula) de uma só vez

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: /tmp
root@debian:/tmp# ls
pastatestes
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:/tmp# rm -r pastatestes/
root@debian:/tmp# ls
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:/tmp#
```

5. Na pasta atual crie um arquivo chamado teste, copie para a pasta /tmp e depois apague o arquivo.

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debian: /tmp
root@debian:~# ls
root@debian:~# touch teste
root@debian:~# ls
teste
root@debian:~# mv teste /tmp/
root@debian:~# ls
root@debian:~# ls /tmp/
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
teste
tracker-extract-files.1000
tracker-extract-files.116
root@debian:~# rm /tmp/teste
root@debian:~# ls
root@debian:~# ls /tmp/
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtv
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:~#
```

6. Na pasta atual crie um arquivo chamado Windows, renomeie para Linux , mova para /tmp e apague o arquivo

```
root@debian:~# ls
root@debian:~# touch windows
root@debian:~# ls
windows
root@debian:~# mv windows linux
root@debian:~# ls
linux
root@debian:~# mv linux /tmp
root@debian:~# ls /tmp/
linux
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtvI
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:~# rm /tmp/linux
root@debian:~# ls /tmp/
systemd-private-c7ec0f16337344b4afc6a51f091920e0-colord.service-U4ie1h
systemd-private-c7ec0f16337344b4afc6a51f091920e0-fwupd.service-o5qtvI
systemd-private-c7ec0f16337344b4afc6a51f091920e0-ModemManager.service-mUQs3e
systemd-private-c7ec0f16337344b4afc6a51f091920e0-switcheroo-control.service-CK1KYi
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-logind.service-RP8Qgg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-systemd-timesyncd.service-P2IXdg
systemd-private-c7ec0f16337344b4afc6a51f091920e0-upower.service-XU94Wh
tracker-extract-files.1000
tracker-extract-files.116
root@debian:~#
```

7. Entre em /etc e veja o conteúdo do arquivo chamado “resolv.conf” com o comando cat.

```
root@debian:~# cat /etc/resolv.conf
# Generated by NetworkManager
nameserver 181.213.132.2
nameserver 181.213.132.3
nameserver 2804:14c:1:0:181:213:132:2
# NOTE: the libc resolver may not support more than 3 nameservers.
# The nameservers listed below may not be recognized.
nameserver 2804:14c:1:0:181:213:132:3
root@debian:~#
```

8. Procure a partir do / um arquivo chamado debian\_version. Vá até a pasta onde ele está e veja a versão do seu debian.

```
root@debian:~# find / -name debian_version
/etc/debian_version
find: '/run/user/1000/gvfs': Permissão negada
root@debian:~# cat /etc/debian_version
11.2
root@debian:~#
```

9. Limpe a tela, saia do terminal (do root e do usuário comum). Volte para o terminal como root e imprima a palavra VOLTEI no terminal Shell.

```
root@debian:~# echo VOLTEI
VOLTEI
root@debian:~#
```

10. Altere a data do sistema 01/01/2015 e volte para data atual.

```
kauan@192.168.0.40:22 - Bitvise xterm - kauan@debiar
root@debian:~# date 0101000015
qui 01 jan 2015 00:00:00 -02
root@debian:~# date 02191743
sáb 19 fev 2022 17:43:00 -03
root@debian:~# date
sáb 19 fev 2022 17:43:54 -03
root@debian:~#
```