

Ivson Soares

1- Liste os arquivos e diretórios no diretório atual

```
15/05/2023 10:11.13 /home/mobaxterm ls -lstratotal 5
0 drwxr-xr-x 1 ivson UsersGrp 0 May 15 10:06 ..
0 -rw-r--r-- 1 ivson UsersGrp 393 May 15 10:06 README.txt
0 lrwxrwxrwx 1 ivson UsersGrp 40 May 15 10:06 MyDocuments -> /drives/C/Users/ivson/OneDrive/DOCUME~1/
0 lrwxrwxrwx 1 ivson UsersGrp 61 May 15 10:06 LauncherFolder -> /drives/C/Users/ivson/OneDrive/DOCUME~1/Apps/moba/MOBAXT~1.1/
0 lrwxrwxrwx 1 ivson UsersGrp 39 May 15 10:06 Desktop -> /drives/C/Users/ivson/OneDrive/Desktop/
0 -rw-r--r-- 1 ivson UsersGrp 16 May 15 10:11 .bash_history
2 drwxr-xr-x 1 ivson UsersGrp 0 May 15 10:11 .
```

2- Naveguem para o diretório "mydocuments"

```
15/05/2023 10:11.42 /home/mobaxterm cd MyDocuments
```

3- Crie um novo diretório chamado "mydirectory" dentro de mydocuments

```
15/05/2023 10:12.08 /home/mobaxterm/MyDocuments mkdir mydirectory
```

4- Crie um novo arquivo vazio chamado "myfile.txt"

```
15/05/2023 10:12.33 /home/mobaxterm/MyDocuments touch myfile.txt
```

5- Copie o arquivo "file1.txt" para o diretório "/mydirectory"

```
15/05/2023 10:13.03 /home/mobaxterm/MyDocuments cp myfile.txt mydirectory/
```

6- Renomeie o arquivo "oldfile.txt" para "newfile.txt"

```
15/05/2023 10:57.27 /home/mobaxterm/MyDocuments mv "myfile.txt" "new_myfile.txt"
```

7- Insira informações e mostre o conteúdo do arquivo "myfile.txt"

```
15/05/2023 10:58.04 /home/mobaxterm/MyDocuments echo "hello world!" >> new_myfile.txt
15/05/2023 10:58.41 /home/mobaxterm/MyDocuments cat new_myfile.txt
hello world!
```

8- Remova o arquivo "unwanted.txt"

```
15/05/2023 10:58.46 /home/mobaxterm/MyDocuments rm new_myfile.txt
```

9- Liste os processos em execução no sistema

```

15/05/2023 10:59:06 /home/mobaxterm/MyDocuments ps
PID PPID PGID WINPID TTY UID STIME COMMAND
71412 0 0 5876 ? 0 10:39:18 C:\Windows\System32\svchost.exe
68336 0 0 2880 ? 0 10:39:18 C:\Windows\System32\svchost.exe
71628 0 0 6092 ? 0 10:39:18 C:\Windows\System32\svchost.exe
72888 0 0 6472 ? 0 10:39:18 C:\Windows\System32\taskhostw.exe
67976 0 0 2340 ? 0 10:39:18 C:\Windows\System32\ctfmon.exe
72784 0 0 7248 ? 0 10:39:19 C:\Windows\explorer.exe
73196 0 0 7660 ? 0 10:39:20 C:\Program Files\Fortinet\FortiClient\FortiTray.exe
73528 0 0 7992 ? 0 10:39:25 C:\Windows\System32\svchost.exe
73820 0 0 8284 ? 0 10:39:27 C:\Windows\SystemApps\Microsoft.Windows.StartMenuExperienceHost_cw5n1h2txyewy\StartMenuExperienceHost.exe
74884 0 0 8548 ? 0 10:39:27 C:\Windows\System32\RuntimeBroker.exe
74284 0 0 8748 ? 0 10:39:27 C:\Windows\SystemApps\Microsoft.Windows.Search_cw5n1h2txyewy\SearchApp.exe
74384 0 0 8848 ? 0 10:39:28 C:\Windows\System32\RuntimeBroker.exe
75356 0 0 9820 ? 0 10:39:33 C:\Windows\SystemApps\Microsoft.LockApp_cw5n1h2txyewy\LockApp.exe
75864 0 0 10328 ? 0 10:39:34 C:\Windows\System32\RuntimeBroker.exe
76388 0 0 10852 ? 0 10:39:36 C:\Windows\SystemApps\Microsoft.Windows.Client.CBS_cw5n1h2txyewy\TextInputHost.exe
76716 0 0 11180 ? 0 10:39:40 C:\Windows\System32\RuntimeBroker.exe
76100 0 0 10564 ? 0 10:39:44 C:\Windows\System32\SecurityHealthSystray.exe
74680 0 0 9064 ? 0 10:39:44 C:\Windows\System32\RTKAudioService64.exe
74756 0 0 9220 ? 0 10:39:45 C:\Windows\System32\DriverStore\FileRepository\wavesapo8de.inf_amd64_9384fc4d30af89c3\WavesSvc64.exe

```

10- Verifique o espaço livre em disco

```

15/05/2023 11:02:20 /home/mobaxterm/MyDocuments df
Filesystem 1K-blocks Used Available Use% Mounted on
C:/Users/ivson/AppData/Local/Temp/Mxt231/tmp/HOME_I~1
234680316 165532608 69147708 71% /home/ivson
C:/Users/ivson/AppData/Local/Temp/Mxt231/tmp/HOME_I~1
234680316 165532608 69147708 71% /home/mobaxterm
C:/Users/ivson/AppData/Local/Temp/Mxt231/bin
234680316 165532608 69147708 71% /usr/bin
C:/Users/ivson/AppData/Local/Temp/Mxt231/lib
234680316 165532608 69147708 71% /usr/lib
C:/Users/ivson/AppData/Local/Temp/Mxt231
234680316 165532608 69147708 71% /
C:
234680316 165532608 69147708 71% /drives/c

```

11- Encontre todos os arquivos com a extensão ".txt" em todo o mydocuments.

```

15/05/2023 11:09:21 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments *.txt
/home/mobaxterm/MyDocuments
find: *.txt: No such file or directory

15/05/2023 11:09:25 /home/mobaxterm/MyDocuments touch teste.txt

15/05/2023 11:09:33 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments *.txt
/home/mobaxterm/MyDocuments
teste.txt

```

12- Liste os 10 últimos processos que estão usando memória.

```

15/05/2023 11:14:42 /home/mobaxterm/MyDocuments ps | tail -10
S 2218 2216 2216 11628 pty0 1001 11:13:45 /usr/bin/bash
S 2220 2218 2216 9040 pty0 1001 11:13:45 /usr/bin/vim
66564 0 0 1028 ? 0 11:15:30 C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe
77236 0 0 11700 ? 0 11:15:36 C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe
71676 0 0 6140 ? 0 11:15:48 C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe
73280 0 0 7744 ? 0 11:15:50 C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe
66704 0 0 1168 ? 0 11:15:52 C:\Program Files (x86)\Microsoft\Edge\Application\msedge.exe
2224 2015 2223 148 pty0 1001 11:16:22 /usr/bin/bash
2223 2015 2223 4428 pty0 1001 11:16:22 /usr/bin/ps
69188 0 0 3652 ? 0 11:16:23 C:\Users\ivson\AppData\Local\Temp\Mxt231\bin\bash.exe

```

13- Conte quantas linhas existem no arquivo "companhia_mb.txt".

```
15/05/2023 11:19.03 /home/mobaxterm/MyDocuments cat C:/Users/ivson/OneDrive/Documents/Courses/FIA/FIA/aula03/Companhia_mb.txt | wc -l
38
```

14- Liste os 10 arquivos mais recentemente modificados no diretório atual.

```
15/05/2023 11:20.12 /home/mobaxterm/MyDocuments ls -lstra | tail -10
4 drwx----- 1 ivson UsersGrp 0 Nov 19 18:47 Zoom
2 drwx----- 1 ivson UsersGrp 0 Apr 1 12:11 PUCPR
0 drwx----- 1 ivson UsersGrp 0 Apr 19 08:31 Courses
2 drwx----- 1 ivson UsersGrp 0 Apr 20 15:52 Apps
0 drwx----- 1 ivson UsersGrp 0 Apr 20 15:54 HeidiSQL
0 drwx----- 1 ivson UsersGrp 0 Apr 20 15:54 NoSQLBooster
0 drwxrwx--- 1 Administ UsersGrp 0 May 3 12:23 Power BI Desktop
0 drwxr-xr-x 1 ivson UsersGrp 0 May 15 10:13 mydirectory
0 -rw-r--r-- 1 ivson UsersGrp 0 May 15 11:09 teste.txt
2 drwx----- 1 ivson UsersGrp 0 May 15 11:09 .
```

15- Crie um arquivo compactado chamado "archive.tar.gz" contendo todos os arquivos de um diretório.

```
15/05/2023 11:21.38 /home/mobaxterm/MyDocuments tar cvzf archive.tar.gz mydirectory/
mydirectory/
mydirectory/myfile.txt

15/05/2023 11:24.29 /home/mobaxterm/MyDocuments ls -lstra | grep archive.tar.gz
0 -rw-r--r-- 1 ivson UsersGrp 140 May 15 11:24 archive.tar.gz
```

16- Encontre todas as ocorrências da palavra "capital" em todos os arquivos do local que esta companhia_mb.

```
15/05/2023 11:25.31 /home/mobaxterm/MyDocuments cat C:/Users/ivson/OneDrive/Documents/Courses/FIA/FIA/aula03/* | grep "capital"
2 casado 1-ensino fundamental 1 4.56 32 capital
3 casado 1-ensino fundamental 2 5.25 36 capital
8 solteiro 1-ensino fundamental 7.39 43 capital
9 casado 2-ensino medio 1 7.59 34 capital
12 solteiro 1-ensino fundamental 8.46 27 capital
17 casado 2-ensino medio 1 9.77 31 capital
22 solteiro 2-ensino medio 11.59 34 capital
30 casado 2-ensino medio 2 15.99 35 capital
33 casado 3-superior 3 17.26 43 capital
34 solteiro 3-superior 18.75 33 capital
35 casado 2-ensino medio 2 19.4 48 capital
```

17- Liste todos os usuários do sistema em ordem alfabética.

```

15/05/2023 11:31.05 /home/mobaxterm/MyDocuments cut -d: -f1 /etc/passwd | sort
Administrator
Administrators
DefaultAccount
Guest
LocalService
NetworkService
SYSTEM
WDAGUtilityAccount
ivson

```

18- Mostre as últimas 20 linhas do arquivo "companhia_mb.txt".

```

15/05/2023 11:28.54 /home/mobaxterm/MyDocuments cat C:/Users/ivson/OneDrive/Documents/Courses/FIA/FIA/aula03/Companhia_mb.txt | tail -20
18 casado 1-ensino fundamental 2 9.8 39 outra
19 solteiro 3-superior 18.53 25 interior
20 solteiro 2-ensino medio 18.76 37 interior
21 casado 2-ensino medio 1 11.06 30 outra
22 solteiro 2-ensino medio 11.59 34 capital
23 solteiro 1-ensino fundamental 12 41 outra
24 casado 3-superior 0 12.79 26 outra
25 casado 2-ensino medio 2 13.23 32 interior
26 casado 2-ensino medio 2 13.6 35 outra
27 solteiro 1-ensino fundamental 13.85 46 outra
28 casado 2-ensino medio 0 14.69 29 interior
29 casado 2-ensino medio 5 14.71 40 interior
30 casado 2-ensino medio 2 15.99 35 capital
31 solteiro 3-superior 16.22 31 outra
32 casado 2-ensino medio 1 16.61 36 interior
33 casado 3-superior 3 17.26 43 capital
34 solteiro 3-superior 18.75 33 capital
35 casado 2-ensino medio 2 19.4 48 capital
36 casado 3-superior 3 23.3 42 interior

```

19- Altere as permissões de um arquivo para que apenas o proprietário possa ler, escrever e executar.

```

15/05/2023 11:34.24 /home/mobaxterm/MyDocuments ls -lstra | grep teste.txt
0 -rw-r--r-- 1 ivson UsersGrp 0 May 15 11:34 teste.txt

15/05/2023 11:34.29 /home/mobaxterm/MyDocuments chmod 700 teste.txt

15/05/2023 11:34.34 /home/mobaxterm/MyDocuments ls -lstra | grep teste.txt
0 -rwx----- 1 ivson UsersGrp 0 May 15 11:34 teste.txt

```

20- Remova todos os arquivos vazios do diretório MyDocuments e seus subdiretórios.

```

15/05/2023 11:46.41 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments/* -maxdepth 0 -type f -size 0 -print

15/05/2023 11:46.45 /home/mobaxterm/MyDocuments touch teste.txt

15/05/2023 11:46.59 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments/* -maxdepth 0 -type f -size 0 -print
/home/mobaxterm/MyDocuments/teste.txt

15/05/2023 11:47.03 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments/* -maxdepth 0 -type f -size 0 -print | xargs rm

15/05/2023 11:47.11 /home/mobaxterm/MyDocuments find /home/mobaxterm/MyDocuments/* -maxdepth 0 -type f -size 0 -print

```