



## Introdução à Ciência da Computação – Lista 1 Comandos Básicos do Linux

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1) Verificar em qual diretório você se encontra.

```
2025.1.08.025@suporte-OptiPlex-3050:~$ pwd
/home/2025.1.08.025
2025.1.08.025@suporte-OptiPlex-3050:~$
```

2) Criar a seguinte estrutura de diretórios dentro do /home/seu\_usuario

- ./intcc
- ./trabalho
- ./intcc/textos

Lembrando que / significa “diretório atual”, já estando dentro de



```
2025.1.08.025@suporte-OptiPlex-3050:~$ pwd
/home/2025.1.08.025
2025.1.08.025@suporte-OptiPlex-3050:~$ mkdir ./intcc
2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 48
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:30 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ mkdir ./trabalho
2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 52
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:30 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc/ mkdir textos
bash: cd: too many arguments
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ mkdir textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ ls -l
total 4
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:32 textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$
```

3) Qual o comando para entrar na pasta intcc

```
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cd ..
2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 52
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:32 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$
```

4) Criar um arquivo chamado “numeros.txt”, contendo os seguintes números:  
10 100 50 25 1 2



```
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cd ..
2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 52
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:32 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ ls -l
total 4
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:32 textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cd textos/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ touch numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cd numeros.txt
bash: cd: numeros.txt: Not a directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ ls -l
total 0
-rw-r--r-- 1 2025.1.08.025 Domain Users 0 mar 10 11:39 numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ vi numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cat numeros.txt
10 100 50 25 1 2
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$
```

5) Duplicar o arquivo numeros.txt para numeros1.txt e numeros2.txt

```

2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros.txt home/intcc/textos/numeros1.txt
cp: cannot create regular file 'home/intcc/textos/numeros1.txt': No such file or directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros.txt home/2025.1.08.025/intcc/textos/numeros1.txt
cp: cannot create regular file 'home/2025.1.08.025/intcc/textos/numeros1.txt': No such file or directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros.txt/home/2025.1.08.025/intcc/textos/numeros1.txt
cp: missing destination file operand after 'numeros.txt/home/2025.1.08.025/intcc/textos/numeros1.txt'
Try 'cp --help' for more information.
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros.txt /home/2025.1.08.025/intcc/textos/numeros1.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros.txt /home/2025.1.08.025/intcc/textos/numeros2.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ ls -l
total 12
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros2.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:44 numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$

```

6) Copiar os arquivos com extensão .txt para a pasta trabalho no home do usuário

```

2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros1.txt /home/2025.1.08.025
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cp numeros2.txt /home/2025.1.08.025
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ █

```

7) Qual o comando exibi todos os arquivos com seus detalhes (permissões de acesso, data, hora de criação, tamanho)?

```

2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 60
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:32 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros2.txt
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ █

```

8) Crie a pasta intccbackup no home do usuário e copie o conteúdo da pasta intcc para dentro do



```

2025.1.08.025@suporte-OptiPlex-3050:~$ pwd
/home/2025.1.08.025
2025.1.08.025@suporte-OptiPlex-3050:~$ mkdir intccbackup
2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 64
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:32 intcc
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 12:00 intccbackup
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros2.txt
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ ls -l
total 4
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cp textos /home/2025.1.08.025/intccbackup
cp: -r not specified; omitting directory 'textos'
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cp textos/home/2025.1.08.025/intccbackup
cp: missing destination file operand after 'textos/home/2025.1.08.025/intccbackup'
Try 'cp --help' for more information.
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ ls -l
total 4
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:54 textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cd textos/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ ls -l
total 12
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros2.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:44 numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cd ..
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cp -r textos /home/2025.1.08.025/intccbackup

```

/home/seu\_usuario/intccbackup

9) Deletar os arquivos com extensão .txt

```

2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ touch numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ vir numeros.txt
Command 'vir' not found, but there are 26 similar ones.
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ vi numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cat numeros.txt
10 100 50 25 1 2
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ rm numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$

```

10) Apagar a pasta *textos* que está dentro da pasta *intcc*

```

2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ ls -l
total 4
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:54 textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ rm /home/textos/numeros1.txt
rm: cannot remove '/home/textos/numeros1.txt': No such file or directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ rm -r /home/textos/numeros1.txt
rm: cannot remove '/home/textos/numeros1.txt': No such file or directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ cd textos/
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ ls -l
total 12
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:54 numeros2.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:44 numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ rm /home/textos/numeros1.txt
rm: cannot remove '/home/textos/numeros1.txt': No such file or directory
2025.1.08.025@suporte-OptiPlex-3050:~/intcc/textos$ cd ..
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$ rm -r textos
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$

```

11) Entrar na pasta */home/seu\_usuario/intcc*



```

2025.1.08.025@suporte-OptiPlex-3050:~$ ls -l
total 64
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 10:57 Arduino
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:42 Desktop
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:47 Documents
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Downloads
drwxr-xr-x 4 2025.1.08.025 Domain Users 4096 mar 10 10:58 eclipse-workspace
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 12:41 intcc
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 12:07 intccbackup
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Music
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 11:56 numeros2.txt
drwxr-xr-x 3 2025.1.08.025 Domain Users 4096 mar 10 11:24 Pictures
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Public
drwx----- 4 2025.1.08.025 Domain Users 4096 mar 10 10:22 snap
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Templates
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 11:31 trabalho
drwxr-xr-x 2 2025.1.08.025 Domain Users 4096 mar 10 10:10 Videos
2025.1.08.025@suporte-OptiPlex-3050:~$ cd intcc
2025.1.08.025@suporte-OptiPlex-3050:~/intcc$

```

12) Renomear o arquivo numeros.txt para sequencia.txt

```

-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 numeros2.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 numeros.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intccbackup/textos$ mv numeros.txt sequencia.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intccbackup/textos$ ls -l
total 12
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 numeros1.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 numeros2.txt
-rw-r--r-- 1 2025.1.08.025 Domain Users 17 mar 10 12:07 sequencia.txt
2025.1.08.025@suporte-OptiPlex-3050:~/intccbackup/textos$

```

13) Qual é o comando que apaga uma pasta vazia?

O comando que apaga uma pasta vazia é o "rmdir"