Atividade de Sistemas Operacionais

Criação dos grupos, diretórios e usuários:

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupadd todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo useradd alunas-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ mkdir todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ ls
Aawesomeproject   'Área de Trabalho'   Downloads        gnome-dash-fix   lab03-ana.ellen   permissao-total.txt   snap              while2.sh
'allycia e livia' aula01               elana.txt        Imagens          Modelos           profs-ana.ellen       todos-ana.ellen   while.sh
alunos-ana.ellen  AwesomeProject       ellen_leticia    lab01-ana.ellen  Música            programas_bash        Vídeos            yEd
ana-ellen         Documentos           ellen_leticia.txt lab02-ana.ellen nenhuma-permissao.txt Público           'VirtualBox VMs'
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$
```

Modificar dono e grupo dos arquivos:

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:lab01-ana.ellen lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:lab02-ana.ellen lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:lab03-ana.ellen lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:alunos-ana.ellen alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:profs-ana.ellen profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown alunas-ana.ellen:todos-ana.ellen todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$
```

```
drwxrwxr-x 2 alunas-ana.ellen alunos-ana.ellen  4096 mai 30 11:36 alunos-ana.ellen
drwxrwxr-x 8 alunoifal         alunoifal         4096 mai 26 08:39 ana-ellen
drwxr-xr-x 4 alunoifal         alunoifal         4096 mai  4 13:41 'Área de Trabalho'
drwxrwxr-x 3 alunoifal         alunoifal         4096 mai 12 11:28 aula01
drwxrwxr-x 5 alunoifal         alunoifal         4096 nov 10  2022 AwesomeProject
drwxr-xr-x 3 alunoifal         alunoifal         4096 nov  1  2022 Documentos
drwxr-xr-x 2 alunoifal         alunoifal         4096 mai 16 12:01 Downloads
-rw-rw-r-- 1 alunoifal         alunoifal        12501 mai 12 11:30 elana.txt
drwxr-xr-x 3 alunoifal         alunoifal         4096 mai 12 11:52 ellen_leticia
-rw-rw-r-- 1 alunoifal         alunoifal          747 mai 12 12:10 ellen_leticia.txt
drwxr-xr-x 3 root              root              4096 set 20  2022 gnome-dash-fix
drwxr-xr-x 3 alunoifal         alunoifal         4096 mar 31 07:29 Imagens
drwxrwxr-x 2 alunas-ana.ellen  lab01-ana.ellen   4096 mai 30 11:35 lab01-ana.ellen
drwxrwxr-x 2 alunas-ana.ellen  lab02-ana.ellen   4096 mai 30 11:35 lab02-ana.ellen
drwxrwxr-x 2 alunas-ana.ellen  lab03-ana.ellen   4096 mai 30 11:36 lab03-ana.ellen
drwxr-xr-x 2 alunoifal         alunoifal         4096 set 20  2022 Modelos
drwxr-xr-x 2 alunoifal         alunoifal         4096 set 20  2022 Música
---------- 1 alunoifal         alunoifal            0 mai 19 08:25 nenhuma-permissao.txt
---x------ 1 alunoifal         alunoifal            0 mai 19 08:20 permissao-total.txt
drwxrwxr-x 2 alunas-ana.ellen  profs-ana.ellen   4096 mai 30 11:36 profs-ana.ellen
drwxr-xr-x 2 alunoifal         alunoifal         4096 nov  7  2022 programas_bash
drwxr-xr-x 2 alunoifal         alunoifal         4096 set 20  2022 Público
drwx------ 6 alunoifal         alunoifal         4096 abr 14 08:50 snap
drwxrwxr-x 2 alunas-ana.ellen  todos-ana.ellen   4096 mai 30 11:36 todos-ana.ellen
```

Limpando as permissões para colocar novas e as novas permissões:

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod 000 profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ ls -l
total 128
drwxrwxr-x 6 alunoifal        alunoifal        4096 nov 10  2022 Aawesomeproject
drwxrwxr-x 2 alunoifal        alunoifal        4096 mai 16 12:04 'allycia e livia'
d--------- 2 alunas-ana.ellen alunos-ana.ellen 4096 mai 30 11:36 alunos-ana.ellen
drwxrwxr-x 8 alunoifal        alunoifal        4096 mai 26 08:39 ana-ellen
drwxr-xr-x 4 alunoifal        alunoifal        4096 mai  4 13:41 'Área de Trabalho'
drwxrwxr-x 3 alunoifal        alunoifal        4096 mai 12 11:28 aula01
drwxrwxr-x 5 alunoifal        alunoifal        4096 nov 10  2022 AwesomeProject
drwxr-xr-x 3 alunoifal        alunoifal        4096 nov  1  2022 Documentos
drwxr-xr-x 2 alunoifal        alunoifal        4096 mai 16 12:01 Downloads
-rw-rw-r-- 1 alunoifal        alunoifal       12501 mai 12 11:30 elana.txt
drwxrwxr-x 3 alunoifal        alunoifal        4096 mai 12 11:52 ellen_leticia
-rw-rw-r-- 1 alunoifal        alunoifal         747 mai 12 12:10 ellen_leticia.txt
drwxr-xr-x 3 root             root             4096 set 20  2022 gnome-dash-fix
drwxr-xr-x 3 alunoifal        alunoifal        4096 mar 31 07:29 Imagens
d--------- 2 alunas-ana.ellen lab01-ana.ellen  4096 mai 30 11:35 lab01-ana.ellen
d--------- 2 alunas-ana.ellen lab02-ana.ellen  4096 mai 30 11:35 lab02-ana.ellen
d--------- 2 alunas-ana.ellen lab03-ana.ellen  4096 mai 30 11:36 lab03-ana.ellen
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Modelos
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Música
---------- 1 alunoifal        alunoifal           0 mai 19 08:25 nenhuma-permissao.txt
---x------ 1 alunoifal        alunoifal           0 mai 19 08:20 permissao-total.txt
d--------- 2 alunas-ana.ellen profs-ana.ellen  4096 mai 30 11:36 profs-ana.ellen
drwxrwxr-x 2 alunoifal        alunoifal        4096 nov  7  2022 programas_bash
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Público
drwx------ 6 alunoifal        alunoifal        4096 abr 14 08:50 snap
d--------- 2 alunas-ana.ellen todos-ana.ellen  4096 mai 30 11:36 todos-ana.ellen
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Vídeos
drwxrwxr-x 5 alunoifal        alunoifal        4096 mar 31 07:46 'VirtualBox VMs'
-rw-rw-r-- 1 alunoifal        alunoifal           2 nov  7  2022 while2.sh
-rw-rw-r-- 1 alunoifal        alunoifal          50 nov  7  2022 while.sh
drwxrwxr-x 5 alunoifal        alunoifal        4096 abr 14 08:51 yEd
```

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+rw lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+r lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+rx lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+r lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+rx lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+w alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g+r todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo useradd prof-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chown prof-ana.ellen:profs-ana.ellen profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ ls -l
total 128
drwxrwxr-x 6 alunoifal        alunoifal        4096 nov 10  2022 Aawesomeproject
drwxrwxr-x 2 alunoifal        alunoifal        4096 mai 16 12:04 'allycia e livia'
d----w---- 2 alunas-ana.ellen alunos-ana.ellen 4096 mai 30 11:36 alunos-ana.ellen
drwxrwxr-x 8 alunoifal        alunoifal        4096 mai 26 08:39 ana-ellen
drwxr-xr-x 4 alunoifal        alunoifal        4096 mai  4 13:41 'Área de Trabalho'
drwxrwxr-x 3 alunoifal        alunoifal        4096 mai 12 11:28 aula01
drwxrwxr-x 5 alunoifal        alunoifal        4096 nov 10  2022 AwesomeProject
drwxr-xr-x 3 alunoifal        alunoifal        4096 nov  1  2022 Documentos
drwxr-xr-x 2 alunoifal        alunoifal        4096 mai 16 12:01 Downloads
-rw-rw-r-- 1 alunoifal        alunoifal       12501 mai 12 11:30 elana.txt
drwxrwxr-x 3 alunoifal        alunoifal        4096 mai 12 11:52 ellen_leticia
-rw-rw-r-- 1 alunoifal        alunoifal         747 mai 12 12:10 ellen_leticia.txt
drwxr-xr-x 3 root             root             4096 set 20  2022 gnome-dash-fix
drwxr-xr-x 3 alunoifal        alunoifal        4096 mar 31 07:29 Imagens
d---rw---- 2 alunas-ana.ellen lab01-ana.ellen  4096 mai 30 11:35 lab01-ana.ellen
d---r-x--- 2 alunas-ana.ellen lab02-ana.ellen  4096 mai 30 11:35 lab02-ana.ellen
d---r-x--- 2 alunas-ana.ellen lab03-ana.ellen  4096 mai 30 11:36 lab03-ana.ellen
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Modelos
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Música
---------- 1 alunoifal        alunoifal           0 mai 19 08:25 nenhuma-permissao.txt
---x------ 1 alunoifal        alunoifal           0 mai 19 08:20 permissao-total.txt
d--------- 2 prof-ana.ellen   profs-ana.ellen  4096 mai 30 11:36 profs-ana.ellen
drwxrwxr-x 2 alunoifal        alunoifal        4096 nov  7  2022 programas_bash
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Público
drwx------ 6 alunoifal        alunoifal        4096 abr 14 08:50 snap
d---r----- 2 alunas-ana.ellen todos-ana.ellen  4096 mai 30 11:36 todos-ana.ellen
drwxr-xr-x 2 alunoifal        alunoifal        4096 set 20  2022 Vídeos
drwxrwxr-x 5 alunoifal        alunoifal        4096 mar 31 07:46 'VirtualBox VMs'
-rw-rw-r-- 1 alunoifal        alunoifal           2 nov  7  2022 while2.sh
-rw-rw-r-- 1 alunoifal        alunoifal          50 nov  7  2022 while.sh
drwxrwxr-x 5 alunoifal        alunoifal        4096 abr 14 08:51 yEd
```

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod u+r todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo chmod g-r todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ ls-l
ls-l: comando não encontrado
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ ls -l
total 128
drwxrwxr-x 6 alunoifal       alunoifal        4096 nov 10  2022  Aawesomeproject
drwxrwxr-x 2 alunoifal       alunoifal        4096 mai 16 12:04 'allycia e livia'
d----w---- 2 alunas-ana.ellen alunos-ana.ellen 4096 mai 30 11:36  alunos-ana.ellen
drwxrwxr-x 8 alunoifal       alunoifal        4096 mai 26 08:39  ana-ellen
drwxr-xr-x 4 alunoifal       alunoifal        4096 mai  4 13:41 'Área de Trabalho'
drwxrwxr-x 3 alunoifal       alunoifal        4096 mai 12 11:28  aula01
drwxrwxr-x 5 alunoifal       alunoifal        4096 nov 10  2022  AwesomeProject
drwxr-xr-x 3 alunoifal       alunoifal        4096 nov  1  2022  Documentos
drwxr-xr-x 2 alunoifal       alunoifal        4096 mai 16 12:01  Downloads
-rw-rw-r-- 1 alunoifal       alunoifal       12501 mai 12 11:30  elana.txt
drwxrwxr-x 3 alunoifal       alunoifal        4096 mai 12 11:52  ellen_leticia
-rw-rw-r-- 1 alunoifal       alunoifal         747 mai 12 12:10  ellen_leticia.txt
drwxr-xr-x 3 root            root             4096 set 20  2022  gnome-dash-fix
drwxr-xr-x 3 alunoifal       alunoifal        4096 mar 31 07:29  Imagens
d---rw---- 2 alunas-ana.ellen lab01-ana.ellen 4096 mai 30 11:35  lab01-ana.ellen
d---r-x--- 2 alunas-ana.ellen lab02-ana.ellen 4096 mai 30 11:35  lab02-ana.ellen
d---r-x--- 2 alunas-ana.ellen lab03-ana.ellen 4096 mai 30 11:36  lab03-ana.ellen
drwxr-xr-x 2 alunoifal       alunoifal        4096 set 20  2022  Modelos
drwxr-xr-x 2 alunoifal       alunoifal        4096 set 20  2022  Música
---------- 1 alunoifal       alunoifal           0 mai 19 08:25  nenhuma-permissao.txt
---x------ 1 alunoifal       alunoifal           0 mai 19 08:20  permissao-total.txt
d--------- 2 alunas-ana.ellen profs-ana.ellen 4096 mai 30 11:36  profs-ana.ellen
drwxrwxr-x 2 alunoifal       alunoifal        4096 nov  7  2022  programas_bash
drwxr-xr-x 2 alunoifal       alunoifal        4096 set 20  2022  Público
drwx------ 6 alunoifal       alunoifal        4096 abr 14 08:50  snap
dr-------- 2 prof-ana.ellen  profs-ana.ellen 4096 mai 30 11:36  todos-ana.ellen
drwxr-xr-x 2 alunoifal       alunoifal        4096 set 20  2022  Vídeos
drwxrwxr-x 5 alunoifal       alunoifal        4096 mar 31 07:46 'VirtualBox VMs'
-rw-rw-r-- 1 alunoifal       alunoifal           2 nov  7  2022  while2.sh
-rw-rw-r-- 1 alunoifal       alunoifal          50 nov  7  2022  while.sh
drwxrwxr-x 5 alunoifal       alunoifal        4096 abr 14 08:51  yEd
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$
```

(Questão 3) Movemos os diretórios:

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo mv lab02-ana.ellen /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo mv lab03-ana.ellen /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo mv todos-ana.ellen /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo mv profs-ana.ellen /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo mv alunos-ana.ellen /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ cd /home//alunoifal/ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~/ana.ellen$ ls
alunos-ana.ellen  lab01-ana.ellen  lab02-ana.ellen  lab03-ana.ellen  profs-ana.ellen  todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~/ana.ellen$
```

Histórico:

```
 1  history
 2  groupadd lab01-ana.ellen
 3  sudo groupadd lab01-ana.ellen
 4  sudo groupadd lab02-ana.ellen
 5* sudo groupadd
 6  sudo groupadd alunos-ana.ellen
 7  sudo groupadd profs-ana.ellen
 8  sudo groupadd todos-ana.ellen
 9  sudo useradd alunas-ana.ellen
10  mkdir lab01-ana.ellen
11  mkdir lab02-ana.ellen
12  mkdir lab03-ana.ellen
13  mkdir alunos-ana.ellen
14  mkdir profs-ana.ellen
15  mkdir todos-ana.ellen
16  ls
17  chown alunas-ana.ellen:lab01-ana.ellen lab01-ana.ellen
18  sudo chown alunas-ana.ellen:lab01-ana.ellen lab01-ana.ellen
19  sudo chown alunas-ana.ellen:lab02-ana.ellen lab02-ana.ellen
20  sudo chown alunas-ana.ellen:lab03-ana.ellen lab03-ana.ellen
21  sudo chown alunas-ana.ellen:alunos-ana.ellen alunos-ana.ellen
22  sudo chown alunas-ana.ellen:profs-ana.ellen profs-ana.ellen
23  sudo chown alunas-ana.ellen:todos-ana.ellen todos-ana.ellen
24  ls -l
25  sudo chmod g+wr lab01-ana.ellen
26  ls-l
27  ls -l
28  chmod 000 lab01-ana.ellen
29  sudo chmod 000 lab01-ana.ellen
30  sudo chmod 000 lab02-ana.ellen
31  sudo chmod 000 lab03-ana.ellen
32  sudo chmod 000 alunos-ana.ellen
33  sudo chmod 000 todos-ana.ellen
34  sudo chmod 000 profs-ana.ellen
35  ls -l
36  sudo chmod g+rw lab01-ana.ellen
37  sudo chmod g+r lab02-ana.ellen
38  sudo chmod g+rx lab02-ana.ellen
39  sudo chmod g+r lab02-ana.ellen
40  sudo chmod g+rx lab03-ana.ellen
41  sudo chmod g+w alunos-ana.ellen
42  sudo chmod g+r todos-ana.ellen
43  sudo useradd prof-ana.ellen
44  sudo chown prof-ana.ellen:profs-ana.ellen profs-ana.ellen
45  ls -l
```

```
27  ls -l
28  chmod 000 lab01-ana.ellen
29  sudo chmod 000 lab01-ana.ellen
30  sudo chmod 000 lab02-ana.ellen
31  sudo chmod 000 lab03-ana.ellen
32  sudo chmod 000 alunos-ana.ellen
33  sudo chmod 000 todos-ana.ellen
34  sudo chmod 000 profs-ana.ellen
35  ls -l
36  sudo chmod g+rw lab01-ana.ellen
37  sudo chmod g+r lab02-ana.ellen
38  sudo chmod g+rx lab02-ana.ellen
39  sudo chmod g+r lab02-ana.ellen
40  sudo chmod g+rx lab03-ana.ellen
41  sudo chmod g+w alunos-ana.ellen
42  sudo chmod g+r todos-ana.ellen
43  sudo useradd prof-ana.ellen
44  sudo chown prof-ana.ellen:profs-ana.ellen profs-ana.ellen
45  ls -l
46  sudo chown alunas-ana.ellen:profs-ana.ellen profs-ana.ellen
47  sudo chown prof-ana.ellen:profs-ana.ellen todos-ana.ellen
48  ls -l
49  sudo chmod u+r todos-ana.ellen
50  sudo chmod g-r todos-ana.ellen
51  ls-l
52  ls -l
53  mkdir /home//alunoifal/ana.ellen
54  mv lab01-ana.ellen /home//alunoifal/ana.ellen
55  sudo mv lab01-ana.ellen /home//alunoifal/ana.ellen
56  ls -l
57  cd /home//alunoifal/ana.ellen
58  ls
59  cd ..
60  sudo mv lab02-ana.ellen /home//alunoifal/ana.ellen
61  sudo mv lab03-ana.ellen /home//alunoifal/ana.ellen
62  sudo mv todos-ana.ellen /home//alunoifal/ana.ellen
63  sudo mv profs-ana.ellen /home//alunoifal/ana.ellen
64  sudo mv alunos-ana.ellen /home//alunoifal/ana.ellen
65  cd /home//alunoifal/ana.ellen
66  ls
67  cd ..
```

Apagamos…

```
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ touch history.txt
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ history > history.txt
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel lab01-ana.ellen
[sudo] senha para alunoifal:
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo groupdel todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo userdel todos-ana.ellen
userdel: usuário 'todos-ana.ellen' não existe
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo userdel alunas-ana.ellen
userdel: usuário 'alunas-ana.ellen' não existe
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo userdel alunas_ana_ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ rmdir lab01-ana.ellen
rmdir: falhou em remover 'lab01-ana.ellen': Arquivo ou diretório inexistente
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rmdir lab01-ana.ellen
rmdir: falhou em remover 'lab01-ana.ellen': Arquivo ou diretório inexistente
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf lab01-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf lab02-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf lab03-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf alunos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf profs-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$ sudo rm -rf todos-ana.ellen
alunoifal@ifal-HP-EliteDesk-705-G1-SFF:~$
```