

## **Trabajo Práctico 7 - Sistemas Operativos**

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1.

```
tail -n +5 base.txt
```

```
root@MAXIMO-PC:/home# tail -n +5 base.txt
/usr/share/FONTS/truetype: caching, new cache contents: 0 FONTS, 2 dirs
/usr/share/FONTS/truetype/dejavu: caching, new cache contents: 6 FONTS, 0 dirs
/usr/share/FONTS/truetype/ubuntu: caching, new cache contents: 14 FONTS, 0 dirs
/usr/local/share/FONTS: caching, new cache contents: 0 FONTS, 0 dirs
/usr/share/FONTS/truetype: skipping, looped directory detected
/usr/share/FONTS/truetype/dejavu: skipping, looped directory detected
/usr/share/FONTS/truetype/ubuntu: skipping, looped directory detected
/var/cache/fontconfig: cleaning cache directory
/var/cache/fontconfig: invalid cache file: 7ef2298fde41cc6eeb7af42e48b7d293-le64.cache-7
/var/cache/fontconfig: invalid cache file: 3830d5c3ddfd5cd38a049b759396e72e-le64.cache-7
/var/cache/fontconfig: invalid cache file: 2300eef321c393bfd76478a5c0e95b23-le64.cache-7
```

2.

```
grep -o 'extra' base.txt | wc -l
```

```
root@MAXIMO-PC:/home# grep -o 'extra' base.txt | wc -l
0
root@MAXIMO-PC:/home# cat base.txt
Ingeniería - UCC
*****
Línea vacía
/usr/share/FONTS: caching, new cache contents: 0 FONTS, 1 dirs
/usr/share/FONTS/truetype: caching, new cache contents: 0 FONTS, 2 dirs
/usr/share/FONTS/truetype/dejavu: caching, new cache contents: 6 FONTS, 0 dirs
/usr/share/FONTS/truetype/ubuntu: caching, new cache contents: 14 FONTS, 0 dirs
/usr/local/share/FONTS: caching, new cache contents: 0 FONTS, 0 dirs
/usr/share/FONTS/truetype: skipping, looped directory detected
/usr/share/FONTS/truetype/dejavu: skipping, looped directory detected
/usr/share/FONTS/truetype/ubuntu: skipping, looped directory detected
/var/cache/fontconfig: cleaning cache directory
/var/cache/fontconfig: invalid cache file: 7ef2298fde41cc6eeb7af42e48b7d293-le64.cache-7
/var/cache/fontconfig: invalid cache file: 3830d5c3ddfd5cd38a049b759396e72e-le64.cache-7
/var/cache/fontconfig: invalid cache file: 2300eef321c393bfd76478a5c0e95b23-le64.cache-7
fc-cache: succeeded
```

3.

```
echo -e "Pedro\nJuan\nAna\nPedro\nJuan\nAna" > amigos.txt
```

```
root@MAXIMO-PC:/home# echo -e "Pedro\nJuan\nAna\nPedro\nJuan\nAna" > amigos.txt
```

4.

```
sort amigos.txt
```

```
root@MAXIMO-PC:/home# sort amigos.txt
Ana
Ana
Juan
Juan
Pedro
Pedro
```

5.

```
sort amigos.txt | uniq
```

```
root@MAXIMO-PC:/home# sort amigos.txt | uniq
Ana
Juan
Pedro
```

6.

```
echo -e "1 Pedro\n2 Juan\n3 Ana\n4 María\n5 José" > alumnos.txt
echo -e "1 Coronda\n2 Cacheuta\n3 Paso de la Patria\n4 Langer\n5 Cruz
Roja" > direcciones.txt
```

```
root@MAXIMO-PC:/home# echo -e "1 Pedro\n2 Juan\n3 Ana\n4 María\n5 José" > alumnos.txt
root@MAXIMO-PC:/home# echo -e "1 Coronda\n2 Cacheuta\n3 Paso de la Patria\n4 Langer\n5 Cruz Roja" > di
recciones.txt
```

7.

```
join alumnos.txt direcciones.txt > alumnos_direcciones.txt
```

```
root@MAXIMO-PC:/home# join alumnos.txt direcciones.txt > alumnos_direcciones.txt
root@MAXIMO-PC:/home# cat alumnos_direcciones.txt
1 Pedro Coronda
2 Juan Cacheuta
3 Ana Paso de la Patria
4 María Langer
5 José Cruz Roja
```

8.

```
cat /etc/passwd
```

```
root@MAXIMO-PC:/home# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
messagebus:x:102:105:/:nonexistent:/usr/sbin/nologin
systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
syslog:x:104:111:/:home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/:nonexistent:/usr/sbin/nologin
uidd:x:106:112:/:run/uidd:/usr/sbin/nologin
tcpdump:x:107:113:/:nonexistent:/usr/sbin/nologin
maxilr:x:1000:1000:,,,:/home/maxilr:/bin/bash
```

```
cut -d: -f1 /etc/passwd
```

```
root@MAXIMO-PC:/home# cut -d: -f1 /etc/passwd
root
daemon
bin
sys
sync
games
man
lp
mail
news
uucp
proxy
www-data
backup
list
irc
gnats
nobody
systemd-network
systemd-resolve
messagebus
systemd-timesync
syslog
_apt
uidd
tcpdump
maxilr
```