

UNIVERSIDAD AUTONOMA
DEL ESTADO DE MEXICO



KARLA ZARET VAZQUEZ LEDO

TRABAJO EN CLASE:
COMANDOS DE HOY
09/10/2025


SISTEMAS OPERATIVOS

7MO SEMESTRE

```
karli@KARLA: /home
1940 top
1941 top
1942 clear
1943 ps
1944 ps -e
1945 ps -u
1946 ps -u root
1947 ps -o
1948 ps -o s
1949 ps -o l
1950 ps -l
1951 ps -t
1952 ps -m
1953 ps -a
1954 ps -x
1955 ps -aux
1956 ps -forest
1957 pstree
1958 clear
1959 vmstat
1960 vmstat -a
1961 vmstat -f
1962 vmstat -d
1963 vmstat -n
1964 vmstat 2
1965 vmstat 1
1966 vmstat 5
1967 vmstat -s
1968 clear
1969 free
1970 free -s 2
1971 free c 3
1972 free -c 2
1973 free -c 3
1974 free -c 1
1975 free -t
1976 free -l
1977 clear
1978 df
1979 df -h
1980 df -i
```

Taskbar: File Explorer, Edge, VS Code, Zoom, JW, WhatsApp (27), Telegram, Terminal, Chrome. System tray: ESP ES, Wi-Fi, Audio, 04:57 p. m., 09/10/2025.

```
karli@KARLA: /home
1981 df -n
1982 df -m
1983 df -T
1984 df -T ht/home
1985 clear
1986 du /home
1987 pwd
1988 cd ..
1989 pwd
1990 clear
1991 ls -l
1992 du /home
1993 du -h
1994 du -i
1995 df -i
1996 du -h /home
1997 du -sh /home
1998 du -m /home
1999 du -k /home
2000 du -all
2001 clear
2002 cat/etc/shells
2003 cat /etc/shells
2004 which bash
2005 su root
2006 which bash
2007 sudo su
2008 sudo nano primer.sh
2009 ls -l
2010 sudo chmod +x primer.sh
2011 ls -l
2012 ./primer.sh
2013 nano primer.sh
2014 sudo nano primer.sh
2015 ./primer.sh
2016 clear
2017 sudo nano actualizar.sh
2018 sudo chmod +x actualizar.sh
2019 ./actualizar.sh
2020 history
karli@KARLA:/home$ |
```

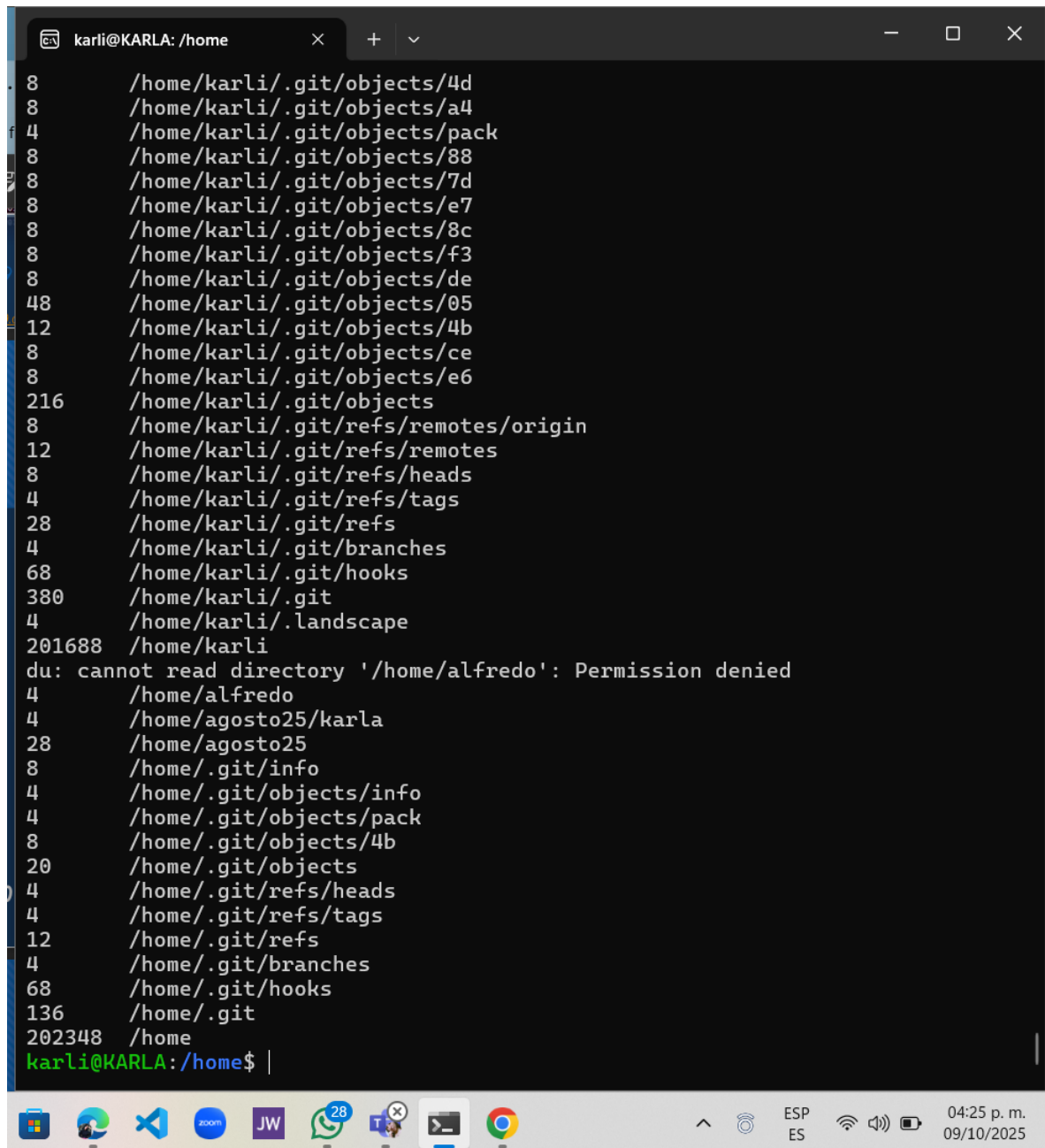


```
karli@KARLA: /home
4      ./agosto25/ventiuno.txt
4      ./agosto25/karla
4      ./agosto25/ubuntu.txt
4      ./agosto25/veintiuno.txt
4      ./agosto25/so.txt
4      ./agosto25/linux.txt
28     ./agosto25
4      ./git/COMMIT_EDITMSG
4      ./git/info/exclude
8      ./git/info
4      ./git/objects/info
4      ./git/objects/pack
4      ./git/objects/4b/825dc642cb6eb9a060e54bf8d69288fbee4904
8      ./git/objects/4b
20     ./git/objects
4      ./git/config
4      ./git/HEAD
4      ./git/refs/heads
4      ./git/refs/tags
12     ./git/refs
4      ./git/branches
4      ./git/description
4      ./git/hooks/pre-receive.sample
4      ./git/hooks/prepare-commit-msg.sample
4      ./git/hooks/update.sample
4      ./git/hooks/pre-merge-commit.sample
8      ./git/hooks/pre-rebase.sample
4      ./git/hooks/pre-push.sample
4      ./git/hooks/pre-applypatch.sample
4      ./git/hooks/sendemail-validate.sample
4      ./git/hooks/push-to-checkout.sample
4      ./git/hooks/post-update.sample
8      ./git/hooks/fsmonitor-watchman.sample
4      ./git/hooks/commit-msg.sample
4      ./git/hooks/applypatch-msg.sample
4      ./git/hooks/pre-commit.sample
68     ./git/hooks
4      ./git/index
136    ./git
202348 .
karli@KARLA: /home$ |
```

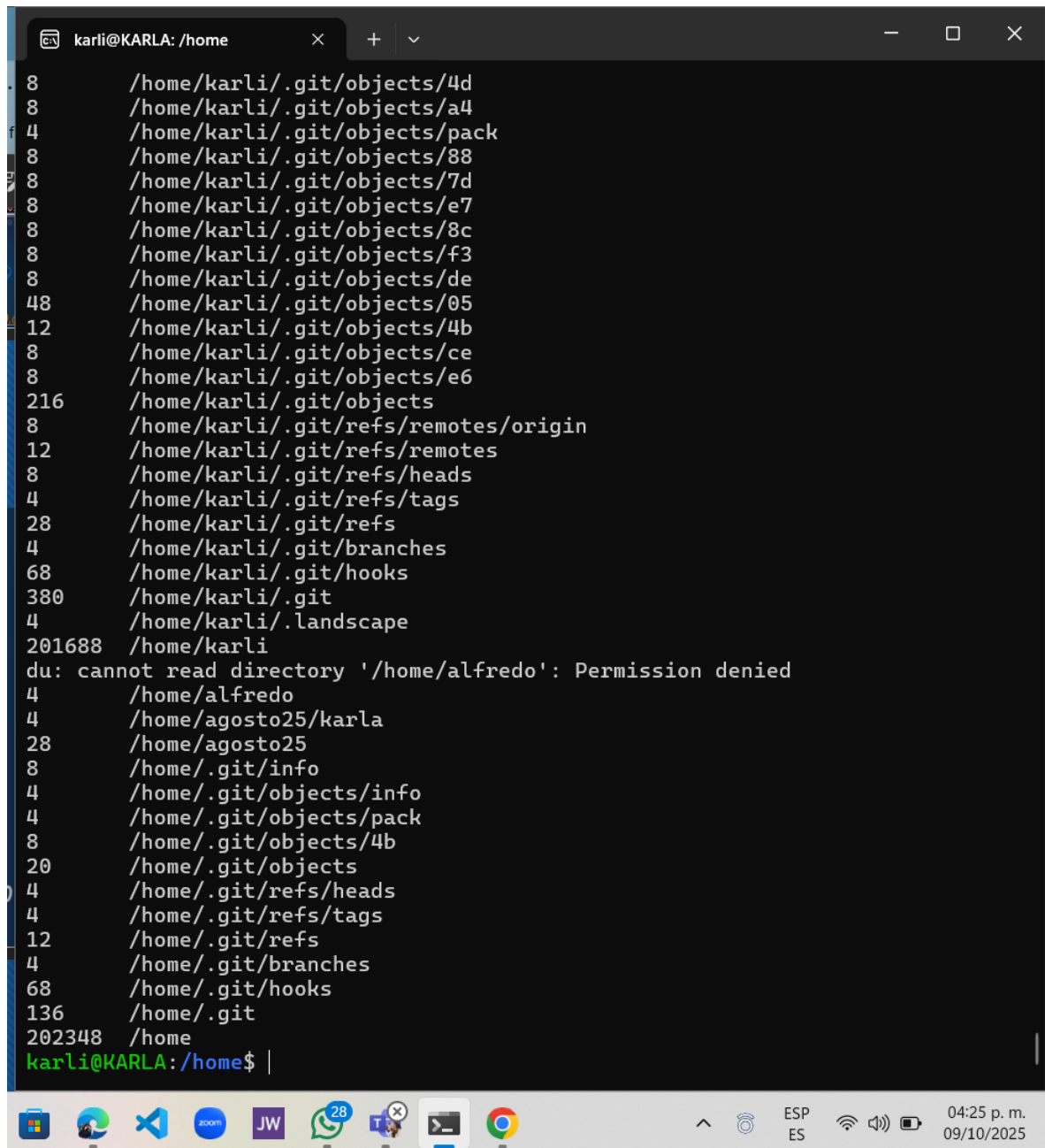


04:26 p. m.
09/10/2025

```
karli@KARLA: /home
8 /home/karli/.git/objects/4d
8 /home/karli/.git/objects/a4
4 /home/karli/.git/objects/pack
8 /home/karli/.git/objects/88
8 /home/karli/.git/objects/7d
8 /home/karli/.git/objects/e7
8 /home/karli/.git/objects/8c
8 /home/karli/.git/objects/f3
8 /home/karli/.git/objects/de
48 /home/karli/.git/objects/05
12 /home/karli/.git/objects/4b
8 /home/karli/.git/objects/ce
8 /home/karli/.git/objects/e6
216 /home/karli/.git/objects
8 /home/karli/.git/refs/remotes/origin
12 /home/karli/.git/refs/remotes
8 /home/karli/.git/refs/heads
4 /home/karli/.git/refs/tags
28 /home/karli/.git/refs
4 /home/karli/.git/branches
68 /home/karli/.git/hooks
380 /home/karli/.git
4 /home/karli/.landscape
201688 /home/karli
du: cannot read directory '/home/alfredo': Permission denied
4 /home/alfredo
4 /home/agosto25/karla
28 /home/agosto25
8 /home/.git/info
4 /home/.git/objects/info
4 /home/.git/objects/pack
8 /home/.git/objects/4b
20 /home/.git/objects
4 /home/.git/refs/heads
4 /home/.git/refs/tags
12 /home/.git/refs
4 /home/.git/branches
68 /home/.git/hooks
136 /home/.git
202348 /home
karli@KARLA: /home$ |
```


A terminal window titled 'karli@KARLA: /home' with standard window controls. It displays a directory listing of the /home directory. The listing includes entries for /home/karli/.git (subdirectories: objects, refs, branches, hooks), /home/karli/.landscape, and /home/karli. A 'du' command is run on /home, resulting in a 'Permission denied' error for /home/alfredo. The listing continues with /home/alfredo, /home/agosto25/karla, /home/agosto25, and /home/.git (subdirectories: info, objects, refs, branches, hooks). The prompt 'karli@KARLA: /home\$ |' is at the bottom. The desktop taskbar at the bottom shows icons for Windows, LibreOffice, VS Code, Zoom, Jupyter Notebook, Telegram, a terminal icon, and Chrome. System status icons on the right include network, ESP, and battery. The date and time '04:25 p. m. 09/10/2025' are shown in the bottom right corner.

```
karli@KARLA: /home
8 /home/karli/.git/objects/4d
8 /home/karli/.git/objects/a4
4 /home/karli/.git/objects/pack
8 /home/karli/.git/objects/88
8 /home/karli/.git/objects/7d
8 /home/karli/.git/objects/e7
8 /home/karli/.git/objects/8c
8 /home/karli/.git/objects/f3
8 /home/karli/.git/objects/de
48 /home/karli/.git/objects/05
12 /home/karli/.git/objects/4b
8 /home/karli/.git/objects/ce
8 /home/karli/.git/objects/e6
216 /home/karli/.git/objects
8 /home/karli/.git/refs/remotes/origin
12 /home/karli/.git/refs/remotes
8 /home/karli/.git/refs/heads
4 /home/karli/.git/refs/tags
28 /home/karli/.git/refs
4 /home/karli/.git/branches
68 /home/karli/.git/hooks
380 /home/karli/.git
4 /home/karli/.landscape
201688 /home/karli
du: cannot read directory '/home/alfredo': Permission denied
4 /home/alfredo
4 /home/agosto25/karla
28 /home/agosto25
8 /home/.git/info
4 /home/.git/objects/info
4 /home/.git/objects/pack
8 /home/.git/objects/4b
20 /home/.git/objects
4 /home/.git/refs/heads
4 /home/.git/refs/tags
12 /home/.git/refs
4 /home/.git/branches
68 /home/.git/hooks
136 /home/.git
202348 /home
karli@KARLA: /home$ |
```

A terminal window titled 'karli@KARLA: /home' with standard window controls. It displays a directory listing of the /home directory. The listing includes entries for /home/karli/.git/objects, /home/karli/.git/refs, /home/karli/.git/branches, /home/karli/.git/hooks, /home/karli/.git, /home/karli/.landscape, and /home/karli. A 'du' command is run on /home, resulting in a 'Permission denied' error for the /home/alfredo directory. The listing continues with /home/alfredo, /home/agosto25/karla, /home/agosto25, /home/.git/info, /home/.git/objects/info, /home/.git/objects/pack, /home/.git/objects/4b, /home/.git/objects, /home/.git/refs/heads, /home/.git/refs/tags, /home/.git/refs, /home/.git/branches, /home/.git/hooks, /home/.git, and /home. The prompt 'karli@KARLA: /home\$ |' is at the bottom. The desktop taskbar at the bottom shows icons for Windows, LibreOffice, VS Code, Zoom, Jupyter Notebook, WhatsApp, Telegram, a terminal icon, and Google Chrome. System status icons on the right include network, ESP, ES, and battery. The date and time '04:25 p. m. 09/10/2025' are shown in the bottom right corner.

```
karli@KARLA: /home
8.0K /home/karli/.git/objects/88
8.0K /home/karli/.git/objects/7d
8.0K /home/karli/.git/objects/e7
8.0K /home/karli/.git/objects/8c
8.0K /home/karli/.git/objects/f3
8.0K /home/karli/.git/objects/de
48K /home/karli/.git/objects/05
12K /home/karli/.git/objects/4b
8.0K /home/karli/.git/objects/ce
8.0K /home/karli/.git/objects/e6
216K /home/karli/.git/objects
8.0K /home/karli/.git/refs/remotes/origin
12K /home/karli/.git/refs/remotes
8.0K /home/karli/.git/refs/heads
4.0K /home/karli/.git/refs/tags
28K /home/karli/.git/refs
4.0K /home/karli/.git/branches
68K /home/karli/.git/hooks
380K /home/karli/.git
4.0K /home/karli/.landscape
197M /home/karli
du: cannot read directory '/home/alfredo': Permission denied
4.0K /home/alfredo
4.0K /home/agosto25/karla
28K /home/agosto25
8.0K /home/.git/info
4.0K /home/.git/objects/info
4.0K /home/.git/objects/pack
8.0K /home/.git/objects/4b
20K /home/.git/objects
4.0K /home/.git/refs/heads
4.0K /home/.git/refs/tags
12K /home/.git/refs
4.0K /home/.git/branches
68K /home/.git/hooks
136K /home/.git
198M /home
karli@KARLA:/home$ du -sh /home
du: cannot read directory '/home/alfredo': Permission denied
198M /home
karli@KARLA:/home$ |
```

```
karli@KARLA: /home
68K    ./karli/.git/hooks
380K   ./karli/.git
4.0K   ./karli/.landscape
197M   ./karli
du: cannot read directory './alfredo': Permission denied
4.0K   ./alfredo
4.0K   ./agosto25/karla
28K    ./agosto25
8.0K   ./git/info
4.0K   ./git/objects/info
4.0K   ./git/objects/pack
8.0K   ./git/objects/4b
20K    ./git/objects
4.0K   ./git/refs/heads
4.0K   ./git/refs/tags
12K    ./git/refs
4.0K   ./git/branches
68K    ./git/hooks
136K   ./git
198M   .
karli@KARLA:/home$ du -i
du: invalid option -- 'i'
Try 'du --help' for more information.
karli@KARLA:/home$ df -i
Filesystem      Inodes    IUsed    IFree  IUse% Mounted on
none            452380      5    452375     1% /usr/lib/modules/6.6.87.2-micr
osoft-standard-WSL2
none            452380      2    452378     1% /mnt/wsl
drivers          999 -999001  1000000     - /usr/lib/wsl/drivers
/dev/sdd        67108864  139032  66969832     1% /
none            452380      33    452347     1% /mnt/wslg
none            452380      5    452375     1% /usr/lib/wsl/lib
rootfs          451127      12    451115     1% /init
none            452380     556    451824     1% /run
none            452380      2    452378     1% /run/lock
none            452380      1    452379     1% /run/shm
none            452380     58    452322     1% /mnt/wslg/versions.txt
none            452380     58    452322     1% /mnt/wslg/doc
C:\              999 -999001  1000000     - /mnt/c
tmpfs           452380     41    452339     1% /run/user/1000
karli@KARLA:/home$ |
```




```
karli@KARLA: /home
4      /home/.git/objects/info
4      /home/.git/objects/pack
8      /home/.git/objects/4b
20     /home/.git/objects
4      /home/.git/refs/heads
4      /home/.git/refs/tags
12     /home/.git/refs
4      /home/.git/branches
68     /home/.git/hooks
136    /home/.git
202348 /home
karli@KARLA: /home$ du -h
4.0K   ./Agosto25
4.0K   ./uno
8.0K   ./canny/tareas/.git/info
4.0K   ./canny/tareas/.git/objects/info
4.0K   ./canny/tareas/.git/objects/pack
8.0K   ./canny/tareas/.git/objects/4b
20K    ./canny/tareas/.git/objects
4.0K   ./canny/tareas/.git/refs/heads
4.0K   ./canny/tareas/.git/refs/tags
12K    ./canny/tareas/.git/refs
4.0K   ./canny/tareas/.git/branches
68K    ./canny/tareas/.git/hooks
136K   ./canny/tareas/.git
140K   ./canny/tareas
8.0K   ./canny/.git/logs/refs/remotes/origin
12K    ./canny/.git/logs/refs/remotes
8.0K   ./canny/.git/logs/refs/heads
24K    ./canny/.git/logs/refs
32K    ./canny/.git/logs
8.0K   ./canny/.git/info
8.0K   ./canny/.git/objects/fb
8.0K   ./canny/.git/objects/cb
8.0K   ./canny/.git/objects/f7
4.0K   ./canny/.git/objects/info
8.0K   ./canny/.git/objects/c6
12K    ./canny/.git/objects/45
4.0K   ./canny/.git/objects/pack
48K    ./canny/.git/objects/05
8.0K   ./canny/.git/objects/81
```

04:23 p. m.
09/10/2025

```
karli@KARLA: /home$ ls -l
total 28
drwxr-xr-x  2 root  root   4096 Aug 29 21:35 Agosto25
-rw-r--r--  1 root  root   1041 Aug 21 16:12 administracion.txt
drwxr-xr-x  3 root  root   4096 Aug 21 15:58 agosto25
drwxr-x---  5 1002  alfredo 4096 Oct  2 19:38 alfredo
-rw-r--r--  1 root  root     0 Aug 29 21:35 archivo1.txt
drwxr-xr-x  4 root  root   4096 Aug 29 21:41 canny
drwxr-x--- 22 karli  karli  4096 Sep 26 21:04 karli
drwxr-xr-x  2 root  root   4096 Aug 14 16:49 uno

karli@KARLA: /home$ du /home
4      /home/Agosto25
4      /home/uno
8      /home/canny/tareas/.git/info
4      /home/canny/tareas/.git/objects/info
4      /home/canny/tareas/.git/objects/pack
8      /home/canny/tareas/.git/objects/4b
20     /home/canny/tareas/.git/objects
4      /home/canny/tareas/.git/refs/heads
4      /home/canny/tareas/.git/refs/tags
12     /home/canny/tareas/.git/refs
4      /home/canny/tareas/.git/branches
68     /home/canny/tareas/.git/hooks
136    /home/canny/tareas/.git
140    /home/canny/tareas
8      /home/canny/.git/logs/refs/remotes/origin
12     /home/canny/.git/logs/refs/remotes
8      /home/canny/.git/logs/refs/heads
24     /home/canny/.git/logs/refs
32     /home/canny/.git/logs
8      /home/canny/.git/info
8      /home/canny/.git/objects/fb
8      /home/canny/.git/objects/cb
8      /home/canny/.git/objects/f7
4      /home/canny/.git/objects/info
8      /home/canny/.git/objects/c6
12     /home/canny/.git/objects/45
4      /home/canny/.git/objects/pack
48     /home/canny/.git/objects/05
8      /home/canny/.git/objects/81
8      /home/canny/.git/objects/03
```

```
karli@KARLA: ~  
karli@KARLA:~$ du /home  
4 /home/Agosto25  
4 /home/uno  
8 /home/canny/tareas/.git/info  
4 /home/canny/tareas/.git/objects/info  
4 /home/canny/tareas/.git/objects/pack  
8 /home/canny/tareas/.git/objects/4b  
20 /home/canny/tareas/.git/objects  
4 /home/canny/tareas/.git/refs/heads  
4 /home/canny/tareas/.git/refs/tags  
12 /home/canny/tareas/.git/refs  
4 /home/canny/tareas/.git/branches  
68 /home/canny/tareas/.git/hooks  
136 /home/canny/tareas/.git  
140 /home/canny/tareas  
8 /home/canny/.git/logs/refs/remotes/origin  
12 /home/canny/.git/logs/refs/remotes  
8 /home/canny/.git/logs/refs/heads  
24 /home/canny/.git/logs/refs  
32 /home/canny/.git/logs  
8 /home/canny/.git/info  
8 /home/canny/.git/objects/fb  
8 /home/canny/.git/objects/cb  
8 /home/canny/.git/objects/f7  
4 /home/canny/.git/objects/info  
8 /home/canny/.git/objects/c6  
12 /home/canny/.git/objects/45  
4 /home/canny/.git/objects/pack  
48 /home/canny/.git/objects/05  
8 /home/canny/.git/objects/81  
8 /home/canny/.git/objects/03  
120 /home/canny/.git/objects  
8 /home/canny/.git/refs/remotes/origin  
12 /home/canny/.git/refs/remotes  
8 /home/canny/.git/refs/heads  
4 /home/canny/.git/refs/tags  
28 /home/canny/.git/refs  
4 /home/canny/.git/branches  
68 /home/canny/.git/hooks  
284 /home/canny/.git  
476 /home/canny
```

```
karli@KARLA: ~  
none 1.8G 100K 1.8G 1% /mnt/wslg/doc  
C:\ 476G 163G 314G 35% /mnt/c  
tmpfs 1.8G 16K 1.8G 1% /run/user/1000  
karli@KARLA:~$ df -i  
Filesystem Inodes IUsed IFree IUse% Mounted on  
none 452380 5 452375 1% /usr/lib/modules/6.6.87.2  
-microsoft-standard-WSL2  
none 452380 2 452378 1% /mnt/wsl  
drivers 999 -999001 1000000 - /usr/lib/wsl/drivers  
/dev/sdd 67108864 139032 66969832 1% /  
none 452380 33 452347 1% /mnt/wslg  
none 452380 5 452375 1% /usr/lib/wsl/lib  
rootfs 451127 12 451115 1% /init  
none 452380 556 451824 1% /run  
none 452380 2 452378 1% /run/lock  
none 452380 1 452379 1% /run/shm  
none 452380 58 452322 1% /mnt/wslg/versions.txt  
none 452380 58 452322 1% /mnt/wslg/doc  
C:\ 999 -999001 1000000 - /mnt/c  
tmpfs 452380 41 452339 1% /run/user/1000  
karli@KARLA:~$ df -n  
df: invalid option -- 'n'  
Try 'df --help' for more information.  
karli@KARLA:~$ df -m  
Filesystem 1M-blocks Used Available Use% Mounted on  
none 1768 0 1768 0% /usr/lib/modules/6.6.87.2  
-microsoft-standard-WSL2  
none 1768 1 1768 1% /mnt/wsl  
drivers 487240 166582 320659 35% /usr/lib/wsl/drivers  
/dev/sdd 1031019 4134 974441 1% /  
none 1768 1 1768 1% /mnt/wslg  
none 1768 0 1768 0% /usr/lib/wsl/lib  
rootfs 1763 3 1760 1% /init  
none 1768 1 1767 1% /run  
none 1768 0 1768 0% /run/lock  
none 1768 0 1768 0% /run/shm  
none 1768 1 1768 1% /mnt/wslg/versions.txt  
none 1768 1 1768 1% /mnt/wslg/doc  
C:\ 487240 166582 320659 35% /mnt/c  
tmpfs 1768 1 1768 1% /run/user/1000  
karli@KARLA:~$
```

```
karli@KARLA: ~  
none 1809520 0 1809520 0% /run/shm  
none 1809520 100 1809420 1% /mnt/wslg/versions.tx  
t  
none 1809520 100 1809420 1% /mnt/wslg/doc  
C:\ 498933756 170574732 328359024 35% /mnt/c  
tmpfs 1809520 16 1809504 1% /run/user/1000  
karli@KARLA:~$ df -h  
Filesystem      Size  Used Avail Use% Mounted on  
none            1.8G  0 1.8G  0% /usr/lib/modules/6.6.87.2-microsof  
t-standard-WSL2  
none            1.8G  4.0K 1.8G  1% /mnt/wsl  
drivers          476G 163G 314G 35% /usr/lib/wsl/drivers  
/dev/sdd         1007G 4.1G 952G  1% /  
none            1.8G  80K 1.8G  1% /mnt/wslg  
none            1.8G  0 1.8G  0% /usr/lib/wsl/lib  
rootfs          1.8G 2.7M 1.8G  1% /init  
none            1.8G 536K 1.8G  1% /run  
none            1.8G  0 1.8G  0% /run/lock  
none            1.8G  0 1.8G  0% /run/shm  
none            1.8G 100K 1.8G  1% /mnt/wslg/versions.txt  
none            1.8G 100K 1.8G  1% /mnt/wslg/doc  
C:\             476G 163G 314G 35% /mnt/c  
tmpfs           1.8G  16K 1.8G  1% /run/user/1000  
karli@KARLA:~$ df -i  
Filesystem      Inodes   IUsed   IFree IUse% Mounted on  
none            452380    5 452375  1% /usr/lib/modules/6.6.87.2  
-microsoft-standard-WSL2  
none            452380    2 452378  1% /mnt/wsl  
drivers          999 -999001 1000000 - /usr/lib/wsl/drivers  
/dev/sdd        67108864 139032 66969832 1% /  
none            452380    33 452347  1% /mnt/wslg  
none            452380    5 452375  1% /usr/lib/wsl/lib  
rootfs          451127    12 451115  1% /init  
none            452380   556 451824  1% /run  
none            452380    2 452378  1% /run/lock  
none            452380    1 452379  1% /run/shm  
none            452380   58 452322  1% /mnt/wslg/versions.txt  
none            452380   58 452322  1% /mnt/wslg/doc  
C:\             999 -999001 1000000 - /mnt/c  
tmpfs           452380   41 452339  1% /run/user/1000  
karli@KARLA:~$
```

```
karli@KARLA: ~  
karli@KARLA:~$ df  
Filesystem      1k-blocks      Used Available Use% Mounted on  
none            1809520         0    1809520   0% /usr/lib/modules/6.6.  
87.2-microsoft-standard-WSL2  
none            1809520         4    1809516   1% /mnt/wsl  
drivers          498933756 170574732 328359024 35% /usr/lib/wsl/drivers  
/dev/sdd         1055762868 4232464 997826932 1% /  
none            1809520         80    1809440   1% /mnt/wslg  
none            1809520         0    1809520   0% /usr/lib/wsl/lib  
rootfs          1804508      2664    1801844   1% /init  
none            1809520        540    1808980   1% /run  
none            1809520         0    1809520   0% /run/lock  
none            1809520         0    1809520   0% /run/shm  
none            1809520        100    1809420   1% /mnt/wslg/versions.tx  
t  
none            1809520        100    1809420   1% /mnt/wslg/doc  
C:\              498933756 170574732 328359024 35% /mnt/c  
tmpfs           1809520        16    1809504   1% /run/user/1000  
karli@KARLA:~$ df -h  
Filesystem      Size  Used Avail Use% Mounted on  
none            1.8G  0    1.8G   0% /usr/lib/modules/6.6.87.2-microsof  
t-standard-WSL2  
none            1.8G  4.0K  1.8G   1% /mnt/wsl  
drivers          476G  163G  314G  35% /usr/lib/wsl/drivers  
/dev/sdd         1007G  4.1G  952G   1% /  
none            1.8G   80K  1.8G   1% /mnt/wslg  
none            1.8G    0    1.8G   0% /usr/lib/wsl/lib  
rootfs          1.8G  2.7M  1.8G   1% /init  
none            1.8G  536K  1.8G   1% /run  
none            1.8G    0    1.8G   0% /run/lock  
none            1.8G    0    1.8G   0% /run/shm  
none            1.8G  100K  1.8G   1% /mnt/wslg/versions.txt  
none            1.8G  100K  1.8G   1% /mnt/wslg/doc  
C:\              476G  163G  314G  35% /mnt/c  
tmpfs           1.8G   16K  1.8G   1% /run/user/1000  
karli@KARLA:~$
```

```
karli@KARLA: ~  
Mem: 3619044 850548 1924600 3576 926232  
2768496  
Swap: 1048576 0 1048576  
  
vailable  
Mem: 3619044 850548 1924600 3576 926232  
2768496  
Swap: 1048576 0 1048576  
karli@KARLA:~$ free -c 3  
total used free shared buff/cache a  
vailable  
Mem: 3619044 826540 1948588 3572 926248  
2792504  
Swap: 1048576 0 1048576  
vailable  
Mem: 3619044 826540 1948588 3572 926248  
2792504  
Swap: 1048576 0 1048576  
vailable  
Mem: 3619044 826540 1948588 3572 926256  
2792504  
Swap: 1048576 0 1048576  
karli@KARLA:~$ free -c 1  
total used free shared buff/cache a  
vailable  
Mem: 3619044 829136 1945984 3572 926304  
2789908  
Swap: 1048576 0 1048576  
karli@KARLA:~$ free -t  
total used free shared buff/cache a  
vailable  
Mem: 3619044 831828 1943224 3572 926356  
2787216  
Swap: 1048576 0 1048576  
Total: 4667620 831828 2991800  
karli@KARLA:~$
```

```
karli@KARLA: ~  
1 0 0 1939936 59440 866500 0 0 179 1983 636 0 1 1  
99 0 0 0  
karli@KARLA:~$ vmstat 2  
procs-----memory----- --swap-- ----io---- -system-- -----  
-cpu-----  
r b swpd free buff cache si so bi bo in cs us sy  
id wa st gu  
1 1 0 1940480 59460 866612 0 0 178 2010 636 0 1 1  
99 0 0 0  
1 0 0 2006648 59460 748852 0 0 0 0 1368 634 6 3  
90 1 0 0  
0 0 0 1945532 59460 866624 0 0 0 0 845 460 2 2  
95 0 0 0  
0 0 0 1945532 59472 866624 0 0 0 46 371 416 0 0  
100 0 0 0  
^Z  
[2]+ Stopped vmstat 2  
karli@KARLA:~$ vmstat 1  
procs-----memory----- --swap-- ----io---- -system-- -----  
-cpu-----  
r b swpd free buff cache si so bi bo in cs us sy  
id wa st gu  
1 0 0 1948884 59472 866624 0 0 177 2003 636 0 1 1  
99 0 0 0  
0 0 0 1948632 59472 866624 0 0 0 0 392 643 0 0  
99 0 0 0  
0 0 0 1948632 59472 866624 0 0 0 0 214 383 0 0  
100 0 0 0  
0 0 0 1948632 59472 866624 0 0 0 0 210 391 0 0  
100 0 0 0  
0 0 0 1948632 59472 866624 0 0 0 0 211 374 0 0  
100 0 0 0  
0 0 0 1948632 59472 866624 0 0 0 0 216 392 0 0  
100 0 0 0  
0 0 0 1948632 59480 866624 0 0 0 168 244 404 0 0  
99 1 0 0  
0 0 0 1948632 59480 866624 0 0 0 0 210 374 0 0  
100 0 0 0  
0 0 0 1948632 59480 866624 0 0 0 0 215 388 0 0  
100 0 0 0
```

Nota: utilice un comando que no y se me borro el archivo, quise verificar la history pero no visualice los comandos que se utilizaron en clase, por eso mismo guarde mi respaldo y lo subo como pdf.