Tarea 988

1.- omitido

2.- omitido

3.-

```
[imac__invitado10@iMac-10 ~ % ls -I
Applications            Library              Projects
Desktop                 Movies               Public
Documents               Music                eclipse-workspace
Downloads               Pictures             quetzal-bank-playground
[imac__invitado10@iMac-10 ~ % ls -l
total 0
drwx------@  4 imac__invitado10  staff   128 Sep 21 13:05 Applications
drwx------+ 21 imac__invitado10  staff   672 Oct 12 17:25 Desktop
drwx------+  9 imac__invitado10  staff   288 Sep 28 08:13 Documents
drwx------+ 39 imac__invitado10  staff  1248 Oct 12 19:12 Downloads
drwx------@ 94 imac__invitado10  staff  3008 Oct  4 08:10 Library
drwx------   4 imac__invitado10  staff   128 Jun 29 19:06 Movies
drwx------+  4 imac__invitado10  staff   128 Jun 29 19:19 Music
drwx------+  5 imac__invitado10  staff   160 Sep 11 10:38 Pictures
drwxr-xr-x@  3 imac__invitado10  staff    96 Jul  4 14:22 Projects
drwxr-xr-x+  4 imac__invitado10  staff   128 Jun 28 15:36 Public
drwxr-xr-x@  3 imac__invitado10  staff    96 Sep  7 09:44 eclipse-workspace
drwxr-xr-x   8 imac__invitado10  staff   256 Jun 29 19:49 quetzal-bank-playgroun
d
imac__invitado10@iMac-10 ~ %
```

4.-

```
[imac__invitado10@iMac-10 ~ % ls -I
Applications            Library              Projects
Desktop                 Movies               Public
Documents               Music                eclipse-workspace
Downloads               Pictures             quetzal-bank-playground
[imac__invitado10@iMac-10 ~ % ls -l
total 0
drwx------@  4 imac__invitado10  staff   128 Sep 21 13:05 Applications
drwx------+ 21 imac__invitado10  staff   672 Oct 12 17:25 Desktop
drwx------+  9 imac__invitado10  staff   288 Sep 28 08:13 Documents
drwx------+ 39 imac__invitado10  staff  1248 Oct 12 19:12 Downloads
drwx------@ 94 imac__invitado10  staff  3008 Oct  4 08:10 Library
drwx------   4 imac__invitado10  staff   128 Jun 29 19:06 Movies
drwx------+  4 imac__invitado10  staff   128 Jun 29 19:19 Music
drwx------+  5 imac__invitado10  staff   160 Sep 11 10:38 Pictures
drwxr-xr-x@  3 imac__invitado10  staff    96 Jul  4 14:22 Projects
drwxr-xr-x+  4 imac__invitado10  staff   128 Jun 28 15:36 Public
drwxr-xr-x@  3 imac__invitado10  staff    96 Sep  7 09:44 eclipse-workspace
drwxr-xr-x   8 imac__invitado10  staff   256 Jun 29 19:49 quetzal-bank-playgroun
d
[imac__invitado10@iMac-10 ~ % cd
imac__invitado10@iMac-10 ~ %
```

5.-

```
● ● ●                     📁 imac__invitado10 — -zsh — 80×24

Applications            Library                 Projects
Desktop                 Movies                  Public
Documents               Music                   eclipse-workspace
Downloads               Pictures                quetzal-bank-playground
[imac__invitado10@iMac-10 ~ % ls -l
total 0
drwx------@  4 imac__invitado10  staff   128 Sep 21 13:05 Applications
drwx------+ 21 imac__invitado10  staff   672 Oct 12 17:25 Desktop
drwx------+  9 imac__invitado10  staff   288 Sep 28 08:13 Documents
drwx------+ 39 imac__invitado10  staff  1248 Oct 12 19:12 Downloads
drwx------@ 94 imac__invitado10  staff  3008 Oct  4 08:10 Library
drwx------   4 imac__invitado10  staff   128 Jun 29 19:06 Movies
drwx------+  4 imac__invitado10  staff   128 Jun 29 19:19 Music
drwx------+  5 imac__invitado10  staff   160 Sep 11 10:38 Pictures
drwxr-xr-x@  3 imac__invitado10  staff    96 Jul  4 14:22 Projects
drwxr-xr-x+  4 imac__invitado10  staff   128 Jun 28 15:36 Public
drwxr-xr-x@  3 imac__invitado10  staff    96 Sep  7 09:44 eclipse-workspace
drwxr-xr-x   8 imac__invitado10  staff   256 Jun 29 19:49 quetzal-bank-playgroun
d
[imac__invitado10@iMac-10 ~ % cd
[imac__invitado10@iMac-10 ~ %
[imac__invitado10@iMac-10 ~ % pwd
/Users/imac__invitado10
imac__invitado10@iMac-10 ~ % ▮
```

6.-

```
● ● ●                         📁 prueba — -zsh — 80×24

drwx------@ 94 imac__invitado10  staff  3008 Oct  4 08:10 Library
drwx------   4 imac__invitado10  staff   128 Jun 29 19:06 Movies
drwx------+  4 imac__invitado10  staff   128 Jun 29 19:19 Music
drwx------+  5 imac__invitado10  staff   160 Sep 11 10:38 Pictures
drwxr-xr-x@  3 imac__invitado10  staff    96 Jul  4 14:22 Projects
drwxr-xr-x+  4 imac__invitado10  staff   128 Jun 28 15:36 Public
drwxr-xr-x@  3 imac__invitado10  staff    96 Sep  7 09:44 eclipse-workspace
drwxr-xr-x   8 imac__invitado10  staff   256 Jun 29 19:49 quetzal-bank-playgroun
d
[imac__invitado10@iMac-10 ~ % cd
[imac__invitado10@iMac-10 ~ %
[imac__invitado10@iMac-10 ~ % pwd
/Users/imac__invitado10
[imac__invitado10@iMac-10 ~ % kmdir prueba
zsh: command not found: kmdir
[imac__invitado10@iMac-10 ~ % mkdir prueba
[imac__invitado10@iMac-10 ~ % ls
Applications            Movies                  eclipse-workspace
Desktop                 Music                   prueba
Documents               Pictures                quetzal-bank-playground
Downloads               Projects
Library                 Public
[imac__invitado10@iMac-10 ~ % cd prueba
imac__invitado10@iMac-10 prueba % ▮
```

7.-

```
drwxr-xr-x@  3 imac__invitado10  staff     96 Jul  4 14:22 Projects
drwxr-xr-x+  4 imac__invitado10  staff    128 Jun 28 15:36 Public
drwxr-xr-x@  3 imac__invitado10  staff     96 Sep  7 09:44 eclipse-workspace
drwxr-xr-x   8 imac__invitado10  staff    256 Jun 29 19:49 quetzal-bank-playgroun
d
[imac__invitado10@iMac-10 ~ % cd
[imac__invitado10@iMac-10 ~ %
[imac__invitado10@iMac-10 ~ % pwd
/Users/imac__invitado10
[imac__invitado10@iMac-10 ~ % kmdir prueba
zsh: command not found: kmdir
[imac__invitado10@iMac-10 ~ % mkdir prueba
[imac__invitado10@iMac-10 ~ % ls
Applications            Movies                  eclipse-workspace
Desktop                 Music                   prueba
Documents               Pictures                quetzal-bank-playground
Downloads               Projects
Library                 Public
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % touch test
[imac__invitado10@iMac-10 prueba % ls
test
imac__invitado10@iMac-10 prueba %
```

8.-

```
drwxr-xr-x   8 imac__invitado10  staff    256 Jun 29 19:49 quetzal-bank-playgroun
d
[imac__invitado10@iMac-10 ~ % cd
[imac__invitado10@iMac-10 ~ %
[imac__invitado10@iMac-10 ~ % pwd
/Users/imac__invitado10
[imac__invitado10@iMac-10 ~ % kmdir prueba
zsh: command not found: kmdir
[imac__invitado10@iMac-10 ~ % mkdir prueba
[imac__invitado10@iMac-10 ~ % ls
Applications            Movies                  eclipse-workspace
Desktop                 Music                   prueba
Documents               Pictures                quetzal-bank-playground
Downloads               Projects
Library                 Public
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % touch test
[imac__invitado10@iMac-10 prueba % ls
test
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % whoami
imac__invitado10
imac__invitado10@iMac-10 prueba %
```

9.-

```
[imac__invitado10@iMac-10 prueba % ls
test
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % whoami
imac__invitado10
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % history
  267  arp -a
  268  ping www.google.com
  269  atmadm
  270  atmadm /c
  271  clear
  272  ls -I
  273  ls -l
  274  cd
  275  pwd
  276  kmdir prueba
  277  mkdir prueba
  278  ls
  279  cd prueba
  280  touch test
  281  ls
  282  whoami
imac__invitado10@iMac-10 prueba %
```

10.-

```
  268  ping www.google.com
  269  atmadm
  270  atmadm /c
  271  clear
  272  ls -I
  273  ls -l
  274  cd
  275  pwd
  276  kmdir prueba
  277  mkdir prueba
  278  ls
  279  cd prueba
  280  touch test
  281  ls
  282  whoami
[imac__invitado10@iMac-10 prueba % cp test /Users/imac__invitado10
[imac__invitado10@iMac-10 prueba % cd
[imac__invitado10@iMac-10 ~ % ls
Applications        Movies              eclipse-workspace
Desktop             Music               prueba
Documents           Pictures            quetzal-bank-playground
Downloads           Projects            test
Library             Public
imac__invitado10@iMac-10 ~ %
```

11.-

```
  271  clear
  272  ls -I
  273  ls -l
  274  cd
  275  pwd
  276  kmdir prueba
  277  mkdir prueba
  278  ls
  279  cd prueba
  280  touch test
  281  ls
  282  whoami
[imac__invitado10@iMac-10 prueba % cp test /Users/imac__invitado10
[imac__invitado10@iMac-10 prueba % cd
[imac__invitado10@iMac-10 ~ % ls
Applications          Movies                eclipse-workspace
Desktop               Music                 prueba
Documents             Pictures              quetzal-bank-playground
Downloads             Projects              test
Library               Public
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba % rm test
[imac__invitado10@iMac-10 prueba % ls
 imac__invitado10@iMac-10 prueba % █
```

12.-

```
Applications          Movies                eclipse-workspace
Desktop               Music                 prueba
Documents             Pictures              quetzal-bank-playground
Downloads             Projects              test
Library               Public
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba % rm test
[imac__invitado10@iMac-10 prueba % ls
[imac__invitado10@iMac-10 prueba %
[imac__invitado10@iMac-10 prueba % cd
[imac__invitado10@iMac-10 ~ % rm test
[imac__invitado10@iMac-10 ~ % mkdir prueba
mkdir: prueba: File exists
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba % touch test
[imac__invitado10@iMac-10 prueba % mv test /Users/imac__invitado10
[imac__invitado10@iMac-10 prueba % cd
[imac__invitado10@iMac-10 ~ % ls
Applications          Movies                eclipse-workspace
Desktop               Music                 prueba
Documents             Pictures              quetzal-bank-playground
Downloads             Projects              test
Library               Public
 imac__invitado10@iMac-10 ~ % █
```

13.-

```
[imac__invitado10@iMac-10 ~ % mkdir prueba
mkdir: prueba: File exists
[imac__invitado10@iMac-10 ~ % cd prueba
[imac__invitado10@iMac-10 prueba % touch test
[imac__invitado10@iMac-10 prueba % mv test /Users/imac__invitado10
[imac__invitado10@iMac-10 prueba % cd
[imac__invitado10@iMac-10 ~ % ls
Applications            Movies                  eclipse-workspace
Desktop                 Music                   prueba
Documents               Pictures                quetzal-bank-playground
Downloads               Projects                test
Library                 Public
[imac__invitado10@iMac-10 ~ %
[imac__invitado10@iMac-10 ~ % ping www.google.com
PING www.google.com (142.250.189.132): 56 data bytes
64 bytes from 142.250.189.132: icmp_seq=0 ttl=118 time=21.673 ms
64 bytes from 142.250.189.132: icmp_seq=1 ttl=118 time=26.359 ms
64 bytes from 142.250.189.132: icmp_seq=2 ttl=118 time=30.570 ms
64 bytes from 142.250.189.132: icmp_seq=3 ttl=118 time=23.502 ms
^C
--- www.google.com ping statistics ---
4 packets transmitted, 4 packets received, 0.0% packet loss
round-trip min/avg/max/stddev = 21.673/25.526/30.570/3.357 ms
imac__invitado10@iMac-10 ~ %
```
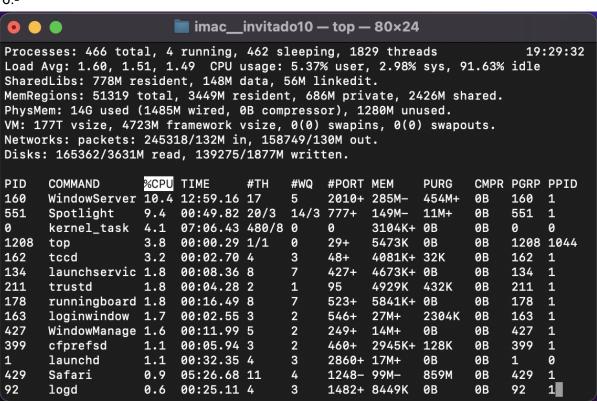
14.-

```
[imac__invitado10@iMac-10 ~ % netstat -tuln
Active LOCAL (UNIX) domain sockets
Address          Type    Recv-Q Send-Q           Inode          Conn
    Refs         Nextref Addr
a5d5e33f8f2efc27 stream       0      0                0 a5d5e33f8f2efb5f
       0              0 /var/run/mDNSResponder
a5d5e33f8f2efb5f stream       0      0                0 a5d5e33f8f2efc27
       0              0
a5d5e33f8f2ee647 stream       0      0                0 a5d5e33f8f2ee57f
       0              0 /var/run/mDNSResponder
a5d5e33f8f2ee57f stream       0      0                0 a5d5e33f8f2ee647
       0              0
a5d5e33f8f2ef777 stream       0      0                0 a5d5e33f8f2ef6af
       0              0 /var/run/mDNSResponder
a5d5e33f8f2ef6af stream       0      0                0 a5d5e33f8f2ef777
       0              0
a5d5e33f8f2ee0cf stream       0      0                0 a5d5e33f8f2ee007
       0              0 /var/run/mDNSResponder
a5d5e33f8f2ee007 stream       0      0                0 a5d5e33f8f2ee0cf
       0              0
a5d5e33f8f2f990f stream       0      0                0 a5d5e33f8f2f9847
       0              0 /var/run/mDNSResponder
a5d5e33f8f2f9847 stream       0      0                0 a5d5e33f8f2f990f
       0              0
```

15.-

```
● ● ●                🗂 imac__invitado10 — -zsh — 80×24                    ]
[imac__invitado10@iMac-10 ~ % netsat
zsh: command not found: netsat
[imac__invitado10@iMac-10 ~ % netstat                                       ]
Active Internet connections
Proto Recv-Q Send-Q  Local Address          Foreign Address        (state)
tcp4       0      0  172.16.128.29.55113    a23-34-246-209.d.80    TIME_WAIT
tcp4       0      0  172.16.128.29.55110    a23-34-246-209.d.80    TIME_WAIT
tcp4       0      0  172.16.128.29.55106    ec2-13-59-193-13.443   ESTABLISHED
tcp4       0      0  172.16.128.29.55105    a23-208-104-26.d.443   ESTABLISHED
tcp4       0      0  172.16.128.29.55103    lb-140-82-112-26.443   ESTABLISHED
tcp4       0      0  172.16.128.29.55058    mia07s62-in-f10..443   ESTABLISHED
tcp4       0      0  172.16.128.29.54391    tzmiaa-ad-in-f14.443   ESTABLISHED
tcp4       0      0  172.16.128.29.54390    lcmiaa-aa-in-f14.443   ESTABLISHED
tcp4       0      0  172.16.128.29.54387    dns.google.443         ESTABLISHED
tcp4       0      0  172.16.128.29.51579    17.57.144.25.5223      ESTABLISHED
udp4       0      0  *.*                    *.*
udp4       0      0  *.56218                *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
udp4       0      0  *.*                    *.*
```

16.-

```
● ● ●                🗂 imac__invitado10 — top — 80×24
Processes: 466 total, 4 running, 462 sleeping, 1829 threads       19:29:32
Load Avg: 1.60, 1.51, 1.49  CPU usage: 5.37% user, 2.98% sys, 91.63% idle
SharedLibs: 778M resident, 148M data, 56M linkedit.
MemRegions: 51319 total, 3449M resident, 686M private, 2426M shared.
PhysMem: 14G used (1485M wired, 0B compressor), 1280M unused.
VM: 177T vsize, 4723M framework vsize, 0(0) swapins, 0(0) swapouts.
Networks: packets: 245318/132M in, 158749/130M out.
Disks: 165362/3631M read, 139275/1877M written.

PID   COMMAND      %CPU TIME     #TH    #WQ  #PORT MEM    PURG   CMPR PGRP PPID
160   WindowServer 10.4 12:59.16 17     5    2010+ 285M-  454M+  0B   160  1
551   Spotlight    9.4  00:49.82 20/3   14/3 777+  149M-  11M+   0B   551  1
0     kernel_task  4.1  07:06.43 480/8  0    0     3104K+ 0B     0B   0    0
1208  top          3.8  00:00.29 1/1    0    29+   5473K  0B     0B   1208 1044
162   tccd         3.2  00:02.70 4      3    48+   4081K+ 32K    0B   162  1
134   launchservic 1.8  00:08.36 8      7    427+  4673K+ 0B     0B   134  1
211   trustd       1.8  00:04.28 2      1    95    4929K  432K   0B   211  1
178   runningboard 1.8  00:16.49 8      7    523+  5841K+ 0B     0B   178  1
163   loginwindow  1.7  00:02.55 3      2    546+  27M+   2304K  0B   163  1
427   WindowManage 1.6  00:11.99 5      2    249+  14M+   0B     0B   427  1
399   cfprefsd     1.1  00:05.94 3      2    460+  2945K+ 128K   0B   399  1
1     launchd      1.1  00:32.35 4      3    2860+ 17M+   0B     0B   1    0
429   Safari       0.9  05:26.68 11     4    1248- 99M-   859M   0B   429  1
92    logd         0.6  00:25.11 4      3    1482+ 8449K  0B     0B   92   1
```

17.-

```
●●●                📁 imac__invitado10 — -zsh — 80×24
Usage: traceroute [-adDeFInrSvx] [-A as_server] [-f first_ttl] [-g gateway] [-i
iface]
        [-M first_ttl] [-m max_ttl] [-p port] [-P proto] [-q nqueries] [-s src_a
ddr]
        [-t tos] [-w waittime] [-z pausemsecs] host [packetlen]
[imac__invitado10@iMac-10 ~ % traceroute www.google.com                         ]
traceroute to www.google.com (142.250.189.132), 64 hops max, 52 byte packets
 1  172.16.128.1 (172.16.128.1)  4.970 ms  3.306 ms  3.229 ms
 2  192.168.109.1 (192.168.109.1)  3.609 ms  4.697 ms  4.070 ms
 3  fixed-187-188-58-130.totalplay.net (187.188.58.130)  6.943 ms  7.880 ms  6.5
30 ms
 4  10.180.58.1 (10.180.58.1)  7.249 ms  10.924 ms  8.294 ms
 5  72.14.242.148 (72.14.242.148)  21.325 ms  22.074 ms  21.663 ms
 6  * * *
 7  142.250.58.102 (142.250.58.102)  30.206 ms
    172.253.77.148 (172.253.77.148)  19.617 ms
    74.125.37.156 (74.125.37.156)  21.053 ms
 8  142.251.68.235 (142.251.68.235)  22.175 ms
    108.170.249.13 (108.170.249.13)  20.670 ms
    142.251.68.235 (142.251.68.235)  21.035 ms
 9  mia09s26-in-f4.1e100.net (142.250.189.132)  21.206 ms
    142.250.214.127 (142.250.214.127)  21.565 ms
    mia09s26-in-f4.1e100.net (142.250.189.132)  20.540 ms
imac__invitado10@iMac-10 ~ % █
```

18.-

```
●●●                📁 imac__invitado10 — -zsh — 80×24
    172.253.77.148 (172.253.77.148)  19.617 ms
    74.125.37.156 (74.125.37.156)  21.053 ms
 8  142.251.68.235 (142.251.68.235)  22.175 ms
    108.170.249.13 (108.170.249.13)  20.670 ms
    142.251.68.235 (142.251.68.235)  21.035 ms
 9  mia09s26-in-f4.1e100.net (142.250.189.132)  21.206 ms
    142.250.214.127 (142.250.214.127)  21.565 ms
    mia09s26-in-f4.1e100.net (142.250.189.132)  20.540 ms
[imac__invitado10@iMac-10 ~ %                                                    ]
[imac__invitado10@iMac-10 ~ % nslookup                                          ]
[>                                                                               ]
[>                                                                               ]
[>                                                                               ]
[>                                                                               ]
[> █                                                                            ]
imac__invitado10@iMac-10 ~ % nslookup google.com
Server:         8.8.8.8
Address:        8.8.8.8#53

Non-authoritative answer:
Name:   google.com
Address: 142.250.217.238

imac__invitado10@iMac-10 ~ % █
```