


Team: Ethan Silverstein, Johan Nguyen, William Arachelian
I pledge my honor I have abided by the Stevens Honor System
6.1



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Activities Terminal May 7 18:11
warachel@debian: /tmp/test

warachel@debian:~/final/esilvers-project$ id
uid=1000(warachel) gid=1000(warachel) groups=1000(warachel),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),106(netdev),111(bluetooth),113(lpadmin),116(scanner)
warachel@debian:~/final/esilvers-project$ ./fsx492 -image test/fsx492.img /tmp/test
warachel@debian:~/final/esilvers-project$ cd /tmp/test
warachel@debian:/tmp/test$ ls -l
total 2
drwxr-xr-x 1 warachel warachel 0 Jul 13 2012 dir1
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 dir2
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 dir3
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 test.1
-rwxrwxrwx 1 501 dialout 15 Apr 8 2019 test.2
-rwxrwxrwx 1 501 dialout 43 Apr 8 2019 test.random
warachel@debian:/tmp/test$ ls -l dir1
total 1
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 pathtest1
-rwxr-xr-x 1 warachel warachel 12 May 1 17:04 test.1
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 testcpy.1
warachel@debian:/tmp/test$
```

6.2



```
Activities Terminal May 7 18:13
warachel@debian: /tmp/test/dir1

warachel@debian:/tmp/test$ id
uid=1000(warachel) gid=1000(warachel) groups=1000(warachel),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),106(netdev),111(bluetooth),113(lpadmin),116(scanner)
warachel@debian:/tmp/test$ cd dir1
warachel@debian:/tmp/test/dir1$ pwd
/tmp/test/dir1
warachel@debian:/tmp/test/dir1$ cat test.1
1111111111
warachel@debian:/tmp/test/dir1$ mv test.1 foo
warachel@debian:/tmp/test/dir1$ ls -l
total 1
-rwxr-xr-x 1 warachel warachel 12 May 1 17:04 foo
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 pathtest1
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 testcpy.1
warachel@debian:/tmp/test/dir1$ cp foo test.1
warachel@debian:/tmp/test/dir1$ chmod 000 foo
warachel@debian:/tmp/test/dir1$ ls -l
total 2
----- 1 warachel warachel 12 May 1 17:04 foo
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 pathtest1
-rwxr-xr-x 1 warachel warachel 12 May 7 18:13 test.1
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 testcpy.1
warachel@debian:/tmp/test/dir1$
```

6.3

```
Activities Terminal May 7 18:15
warachel@debian: /tmp/test

warachel@debian: /tmp/test/dir1$ id
uid=1000(warachel) gid=1000(warachel) groups=1000(warachel),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),100(users),106(netdev),111(bluetooth),113(lpadmin),116(scanner)
warachel@debian: /tmp/test/dir1$ rm foo
warachel@debian: /tmp/test/dir1$ mkdir foo
warachel@debian: /tmp/test/dir1$ ls -l
total 2
drwxr-xr-x 1 warachel warachel 1024 May 7 18:14 foo
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 pathtest.1
-rwxr-xr-x 1 warachel warachel 12 May 7 18:13 test.1
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 testcpy.1
warachel@debian: /tmp/test/dir1$ ls -la foo
total 1
drwxr-xr-x 1 warachel warachel 1024 May 7 18:14 .
drwxr-xr-x 1 warachel warachel 0 May 7 18:14 ..
warachel@debian: /tmp/test/dir1$ cd foo
warachel@debian: /tmp/test/dir1/foo$ cd ..
warachel@debian: /tmp/test/dir1$ mkdir foo
bash: mkdir: command not found
warachel@debian: /tmp/test/dir1$ rmdir foo
warachel@debian: /tmp/test/dir1$ ls -l
total 1
drwxrwxrwx 1 501 dialout 0 Apr 8 2019 pathtest.1
-rwxr-xr-x 1 warachel warachel 12 May 7 18:13 test.1
-rwxrwxrwx 1 501 dialout 12 Apr 8 2019 testcpy.1
warachel@debian: /tmp/test/dir1$ cd ..
warachel@debian: /tmp/test$
```

6.4

```
warachel@debian: /tmp/test

warachel@debian: /tmp/test$ ls -l foo
ls: cannot access 'foo': No such file or directory
warachel@debian: /tmp/test$ touch foo
warachel@debian: /tmp/test$ ls -l foo
-rw-r--r-- 1 warachel warachel 0 May 7 18:16 foo
warachel@debian: /tmp/test$ cat > foo
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warachel@debian: /tmp/test$ ls -l foo
-rw-r--r-- 1 warachel warachel 52 May 7 18:16 foo
warachel@debian: /tmp/test$ cat foo
Ethan Silverstein, Johan Nguyen, William Arachelian
warachel@debian: /tmp/test$ cp /etc/passwd foo
warachel@debian: /tmp/test$ ls -l foo
-rw-r--r-- 1 warachel warachel 1967 May 7 18:16 foo
warachel@debian: /tmp/test$ rm foo
warachel@debian: /tmp/test$ ls -l foo
ls: cannot access 'foo': No such file or directory
warachel@debian: /tmp/test$
```