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ECE 357
HW 2 Problem 3
Sample Runs

Sample run. Top is our code, bottom is find -ls. Tested on husam.fs which was mounted by Daniel Tzarev on ice01 since we don't have root permission. (On a linux machine)

```
Terminal
File Edit View Search Terminal Help
bash-4.2$ ./find.o /mnt/husamfs
1282 1 drwxrwxrwx 2 root root 1024 Sep 11 22:16 /mnt/husamfs
1282 1 drwxrwxrwx 2 root root 1024 Sep 11 22:16 /mnt/husamfs/dir2
1287 1 -rwxrwxrwx 1 123 456 13 Sep 11 22:16 /mnt/husamfs/dir2/file3
1288 1 -rwxrwxrwx 2 root root 38 Sep 11 22:16 /mnt/husamfs/dir2/file4
1281 1 drwxrwxrwx 2 daemon root 1024 Sep 11 22:22 /mnt/husamfs/dir1
1289 0 prwxrwxrwx 1 root root 0 Sep 11 22:19 /mnt/husamfs/dir1/pipe1
1290 0 crwxrwxrwx 1 root root 0 Sep 11 22:22 /mnt/husamfs/dir1/dev1
1285 1 -rwxrwxrwx 1 root root 15 Jan 1 00:00 /mnt/husamfs/dir1/file2
1284 1 -rwxrwxrwx 1 root root 11 Sep 26 13:13 /mnt/husamfs/dir1/file1
1283 1 drwxrwxrwx 2 root wheel 1024 Sep 11 22:22 /mnt/husamfs/dir3
1291 0 brwxrwxrwx 1 root root 0 Sep 11 22:22 /mnt/husamfs/dir3/dev2
1286 0 lrwxrwxrwx 1 root root 13 Sep 11 22:16 /mnt/husamfs/dir3/link1
1286 0 lrwxrwxrwx 1 root root 13 Sep 11 22:16 /mnt/husamfs/dir3/link1 -> ../dir2/file2
1288 1 -rwxrwxrwx 2 root root 38 Sep 11 22:16 /mnt/husamfs/dir3/file5
11 12 drwxrwxrwx 2 root root 12288 Sep 11 22:14 /mnt/husamfs/lost+found
bash-4.2$ find /mnt/husamfs -ls
2 1 drwxrwxrwx 6 root root 1024 Sep 11 2018 /mnt/husamfs
1282 1 drwxrwxrwx 2 root root 1024 Sep 11 2018 /mnt/husamfs/dir2
1287 1 -rwxrwxrwx 1 123 456 13 Sep 11 2018 /mnt/husamfs/dir2/file3
1288 1 -rwxrwxrwx 2 root root 38 Sep 11 2018 /mnt/husamfs/dir2/file4
1281 1 drwxrwxrwx 2 daemon root 1024 Sep 11 2018 /mnt/husamfs/dir1
1289 0 prwxrwxrwx 1 root root 0 Sep 11 2018 /mnt/husamfs/dir1/pipe1
1290 0 crwxrwxrwx 1 root root 100, 200 Sep 11 2018 /mnt/husamfs/dir1/dev1
1285 1 -rwxrwxrwx 1 root root 15 Jan 1 1970 /mnt/husamfs/dir1/file2
1284 1 -rwxrwxrwx 1 root root 11 Sep 26 2018 /mnt/husamfs/dir1/file1
1283 1 drwxrwxrwx 2 root wheel 1024 Sep 11 2018 /mnt/husamfs/dir3
1291 0 brwxrwxrwx 1 root root 100, 200 Sep 11 2018 /mnt/husamfs/dir3/dev2
1286 0 lrwxrwxrwx 1 root root 13 Sep 11 2018 /mnt/husamfs/dir3/link1 -> ../dir2/file2
1288 1 -rwxrwxrwx 2 root root 38 Sep 11 2018 /mnt/husamfs/dir3/file5
11 12 drwxrwxrwx 2 root root 12288 Sep 11 2018 /mnt/husamfs/lost+found
bash-4.2$
```

Sample run with no starting directory specified. Top is our code, bottom is find -ls. (On a mac machine)

```
(base) joyaranidebi@Joyas-MacBook-Pro 0sprog2 % ./a.out
31204887 0 drwxr-xr-x 6 joyaranidebi staff 192 Oct 7 15:38 .
31389781 8 -rw-r--r-- 1 joyaranidebi staff 6148 Oct 7 15:38 ../.DS_Store
31389741 408 -rw-r--r-- 1 joyaranidebi staff 416761 Oct 7 15:37 ../244447484_237938898298350_2683375408633402491_n (1).png
31389514 20 -rwxr-xr-x 1 joyaranidebi staff 17756 Oct 7 15:33 ./a.out
31206731 8 -rw-r--r-- 1 joyaranidebi staff 4666 Oct 7 15:32 ./find.c
(base) joyaranidebi@Joyas-MacBook-Pro 0sprog2 % find ./ -ls
31204887 0 drwxr-xr-x 6 joyaranidebi staff 192 Oct 7 15:38 ./
31389781 16 -rw-r--r-- 1 joyaranidebi staff 6148 Oct 7 15:38 ../.DS_Store
31389741 816 -rw-r--r-- 1 joyaranidebi staff 416761 Oct 7 15:37 ../244447484_237938898298350_2683375408633402491_n (1).png
31389514 40 -rwxr-xr-x 1 joyaranidebi staff 17756 Oct 7 15:33 ../a.out
31206731 16 -rw-r--r-- 1 joyaranidebi staff 4666 Oct 7 15:32 ../find.c
```