The Cooper Union

PSET #2: Program Sample Runs

ECE-357

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```
bash-4.2$ ./find
 73533061      2 drwxr-xr-x   2 eric.xu students    2048 Oct 05 23:26 .
 73535740     14 -rwxr-xr-x   1 eric.xu students   13496 Oct 05 23:09 ./a.out
 73536064     14 -rwxr-xr-x   1 eric.xu students   13496 Oct 05 23:24 ./find
 73536588      5 -rw-r--r--   1 eric.xu students    4271 Oct 05 23:09 ./find.c
 73536604      1 -rw-r--r--   1 eric.xu students      38 Oct 05 23:20 ./Makefile
bash-4.2$ find -ls
 73533061      2 drwxr-xr-x   2 eric.xu   students    2048 Oct  5 23:26 .
 73535740     14 -rwxr-xr-x   1 eric.xu   students   13496 Oct  5 23:09 ./a.out
 73536064     14 -rwxr-xr-x   1 eric.xu   students   13496 Oct  5 23:24 ./find
 73536588      5 -rw-r--r--   1 eric.xu   students    4271 Oct  5 23:09 ./find.c
 73536604      1 -rw-r--r--   1 eric.xu   students      38 Oct  5 23:20 ./Makefile
```

```
bash-4.2$ ./find /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR
 73533259      2 drwxr-xr-x   4 eric.xu students    2048 Oct 05 23:32 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR
 73533269      2 drwxr-xr-x   2 eric.xu students    2048 Oct 05 23:30 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1
 73536646      0 -rw-r--r--   1 eric.xu students       0 Oct 05 23:28 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1/hello.txt
 73536648      0 ---x--x--x   1 eric.xu students       0 Oct 05 23:28 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1/hello1.txt
 73533271      2 drwxr-xr-x   4 eric.xu students    2048 Oct 05 23:31 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2
 73533475      2 drwxr-xr-x   2 eric.xu students    2048 Oct 05 23:29 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_1
 73533479      2 drwxr-xr-x   2 eric.xu students    2048 Oct 05 23:31 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_2
 73536652      0 -rwxrwxrwx   1 eric.xu students       0 Oct 05 23:29 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_2/pi.txt
 73536658      1 lrwxr-xr-x   1 eric.xu students      46 Oct 05 23:30 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/testSym -> /afs/ee.cooper.edu/user/e/
eric.xu/TESTDIR/DIR2
bash-4.2$ find /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR -ls
73533259      2 drwxr-xr-x   4 eric.xu  students    2048 Oct  5 23:32 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR
73533269      2 drwxr-xr-x   2 eric.xu  students    2048 Oct  5 23:30 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1
73536646      0 -rw-r--r--   1 eric.xu  students       0 Oct  5 23:28 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1/hello.txt
73536648      0 ---x--x--x   1 eric.xu  students       0 Oct  5 23:28 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR1/hello1.txt
73533271      2 drwxr-xr-x   4 eric.xu  students    2048 Oct  5 23:31 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2
73533475      2 drwxr-xr-x   2 eric.xu  students    2048 Oct  5 23:29 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_1
73533479      2 drwxr-xr-x   2 eric.xu  students    2048 Oct  5 23:31 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_2
73536652      0 -rwxrwxrwx   1 eric.xu  students       0 Oct  5 23:29 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/DIR2/DIR2_2/pi.txt
73536658      1 lrwxr-xr-x   1 eric.xu  students      46 Oct  5 23:30 /afs/ee.cooper.edu/user/e/eric.xu/TESTDIR/testSym -> /afs/ee.cooper.edu/user/e/eric
.xu/TESTDIR/DIR2
```

Comparison of program output and find -ls

```
./find ./notadirectory
ccured when attempting to open directory. Error code: No such file or directory. File: ./notadirectory.
```

Error when trying to open a directory that doesn't exist