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ECE 357
HW 3 Problem 3
Sample Run

Test1.sh run

```
[lucia.rhode@hakvm program3test]$ gcc -std=gnu11 shell.c
[lucia.rhode@hakvm program3test]$ ./a.out test1.sh
Child process 22089 exited normally with return value 0
Real: 0.001962s, User: 0.000000s Sys: 0.001850s
Child process 22089 exited normally with return value 0
Real: 0.002030s, User: 0.000000s Sys: 0.001830s
total 44
-rwxr-xr-x. 1 lucia.rhode users 14240 Oct 24 05:46 a.out
-rw-r--r--. 1 lucia.rhode users  8211 Oct 24 05:38 shell.c
-rw-r--r--. 1 lucia.rhode users   308 Oct 24 05:45 test1.sh
-rw-r--r--. 1 lucia.rhode users   636 Oct 24 05:38 test2.sh
-rw-r--r--. 1 lucia.rhode users    18 Oct 24 05:46 testfile2.out
-rw-r--r--. 1 lucia.rhode users    18 Oct 24 05:46 testfile.out
Child process 22089 exited normally with return value 0
Real: 0.005484s, User: 0.001073s Sys: 0.004293s
[lucia.rhode@hakvm program3test]$
```

Test2.sh run

```
[lucia.rhode@hakvm program3test]$ gcc -std=gnu11 shell.c
[lucia.rhode@hakvm program3test]$ ./a.out test2.sh
/tmp
/home/lucia.rhode
$ Child process 21658 exited normally with return value 0
Real: 0.002735s, User: 0.000000s Sys: 0.002588s
$ ERROR: Could not execute command lssssssss: No such file or directory
Child process 21658 exited normally with return value 1
Real: 0.000897s, User: 0.000794s Sys: 0.000000s
Child process 21658 exited normally with return value 0
Real: 0.002129s, User: 0.000000s Sys: 0.002009s
ERROR: Could not open file testfile2.txt: Permission denied
ERROR: IO redirection failed
Child process 21658 exited normally with return value 1
Real: 0.001093s, User: 0.000000s Sys: 0.000706s
[lucia.rhode@hakvm program3test]$
```