'test case1.c'

```
1 #include "types.h"
2 #include "stat.h"
3 #include "user.h"
4
5 int
6 main(void)
7 {
8 countTraps();
9 exit();
10 }
```

This is a trivial test case. It counts the number of times the user process has been trapped in the OS, the types of traps it got into and the number of occurrences. Also, it could the total number of syscalls, the types of syscalls in the user process, and the number of occurrences of those syscalls.

Result: (see instruction on how to run testing)

'test_case2.c'

This is a more complex test case. It tests commands such as write(), mkdir(), and read() and counts the number of times the user process has been trapped in the OS, the types of traps it got into and the number of occurrences for each command. Also, it could the total number of

syscalls, the types of syscalls in the user process, and the number of occurrences of those syscalls.

Result: (see instruction on how to run testing) [each side respectively]

