

CS350 Assignment 2: Winter 2014

Marking Summary Report

Group Number:

Marker:

Names and UNIX UserIDs:

Presentation: marks may be deducted for unclear, sloppy, poorly organized, or poorly written, design documents, testing documents, code and testing output. Additionally, marks will be deducted for code written specifically to handle individual test cases rather than using general purpose solutions (e.g., some of the bad system call cases).

Questions: codeanswers.pdf (9 Marks):

1. Nine questions, one mark per question.

Design: design.pdf (30 Marks):

1. (6 marks) `open`, `close`
2. (6 marks) `read`, `write`
3. (8 marks) arguments to `runprogram`, and the systems calls `execv` and `fork`
4. (8 marks) `_exit`, `waitpid`
5. (2 marks) exception handling

Implementation: submitted source code and testbin test runs (61 Marks):

[Square brackets indicate a2-test-script tests to automatically test that portion of the assignment.]
(Round brackets indicate a2-test-script tests to manually test that portion of the assignment.)

1. (19 marks) `open`, `close`, `read`, `write` :
[`test-files`, `test-read-file`, `test-write-file`]
(`test-write-con`, `test-rw-con`)
2. (8 marks) Passing arguments to `runprogram` :
[`test-args`]
3. (8 marks) `execv` :
[`test-execv`]
4. (10 marks) `fork`, `getpid` :
[`test-fork`]
5. (8 marks) `_exit`, `waitpid` :
[`test-_exit`, `test-waitpid`]
6. (4 marks) exception handling :
[`test-exceptions`]
7. (4 marks) handling bad parameters and minor stress tests :
[`test-badcalls-*`]
(`test-forkbomb`)

Total (100 Marks):