

# CS350 Assignment 2

## Marking Summary Report

Group Number:

Marker:

Names and UNIX UserIDs:

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Presentation: marks may be deducted for unclear, sloppy, poorly organized, or poorly written, design documents, testing documents, code and testing output.

**Questions: codeanswers.pdf (7 Marks):**

1. Fourteen questions, half mark per question (half mark totals rounded up)

**Design: design.pdf (33 Marks):**

1. (6 marks) `open`, `lseek`, `close`
2. (6 marks) `read`, `write`
3. (9 marks) `fork`, `execv`, arguments to `runprogram`
4. (8 marks) `_exit`, `waitpid`
5. (1 marks) `kill_curthread`
6. (3 marks) exception handling

**Implementation: submitted source code and testbin test runs (60 Marks):**

[Square brackets indicate a2-test-script tests that will be used to HELP but NOT COMPLETELY determine the grade for that portion of the assignment.]

1. (9 marks) `open`, `lseek`, `close` : [`test-lseek`]
2. (10 marks) `read`, `write` : [`test-write-con`, `test-rw-con`, `test-read-file`, and `test-write-file`]
3. (10 marks) `fork` : [`test-fork` others, and see below for `test-forkbomb`]
4. (12 marks) `execv`, arguments to `runprogram` : [`test-execv` and `test-args`]
5. (10 marks) `_exit`, `waitpid` : [`test-waitpid` and others]
6. (1 marks) `getpid` : [tested via other tests]
7. (2 marks) `kill_curthread` : [`test-kill-curthread`]
8. (2 marks) exception handling : [`test-exceptions`]
9. (4 marks) handling bad parameters and minor stress tests : [`test-badcalls-*` and `test-forkbomb`]

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**Your Testing: testing.pdf, test runs and output (0 Marks):**

You will likely want or need to implement some of your own tests for this assignment. However we've decided not to grade you on this portion of the assignment this term. This should allow you to focus on getting the basic implementation of each system call working.

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**Total (100 Marks):**