

SYSC 4001 Assignment 2 Part 3

Nate Babyak — 101310590
Ozan Kaya — 101322055

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1 Introduction

The goal of this part is to simulate `fork()` and `exec()` system calls using a single CPU, fixed memory partitions, PCB, and external files.

The simulator is made of the following components:

2 Tests

All input files are located within the `input_files` directory, with each test having its own `test_n` directory. Each `test_n` directory contains the test's `trace.txt`, `external_files.txt`, and `programn.txt` files.

2.1 Test 1

2.2 Test 2

2.3 Test 3

2.4 Test 4

2.5 Test 5

3 Conclusion

[Part 2 GitHub Repository Link](#)

[Part 3 GitHub Repository Link](#)