

CSC 369 Worksheet 2 Solution

August 16, 2020

1 Homework (Simulation)

1. Notes

- **Process tree**

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- **fork()**

- Is used to create a new process
- **Creator** → parent process
- **Newly Created** → child process
- Child process is nearly identical to parent process

- **exec()**

- Allows a child to break free from its similarity to its parent and execute an entirely new program.

- **wait()**

- Is used to let parent code delay its execution until the child finishes executing.
- Makes the output deterministic

2 Homework (Code)

1.