

Practical time: THURSDAY 5:00pm

OPERATING SYSTEMS 200

OS200 Assignment Report

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5/1/2016

**Source Code**

aa

**Mutual Exclusion**

using semaphores, mutexs and conditions.

processes don't inherit address space on creation, inly mapped and shared memory.

**Shared Memory**

processes don't inherit address space on creation, inly mapped and shared memory. how to avoid zombies! (double fork).

what resources are shared -> shm in processes. global in threads.

**Errors and Bugs**

limits of the program -> maximum processes, maximum threads.

file error checking may not be 100% comprehensive.

**Testing**

where it was performed: lab computers, home, saeshell.

printing contents of all matrices

description of all test files.

description of test scripts.

**Sample Input and Outputs**

only need to print last 2/3 lines etc.

**References**

Silberschatz, Abraham, Peter B. Galvin, and Greg Gagne. *Operating System Concepts*. 9th ed. Reading, MA: Addison-Wesley, 1994.

Soh, Sie Teng. "Process Synchronization." Class lecture, Operating Systems from Curtin University, Perth, Australia, April 1 2016.

Soh, Sie Teng. "Process and Threads." Class lecture, Operating Systems from Curtin University, Perth, Australia, April 1 2016.