Multiprocessor Programming

Final Project Report

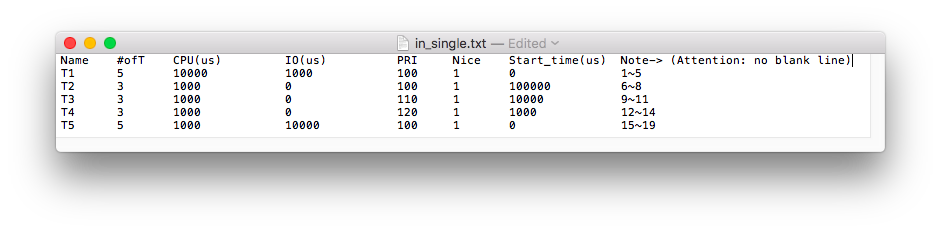
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Problem

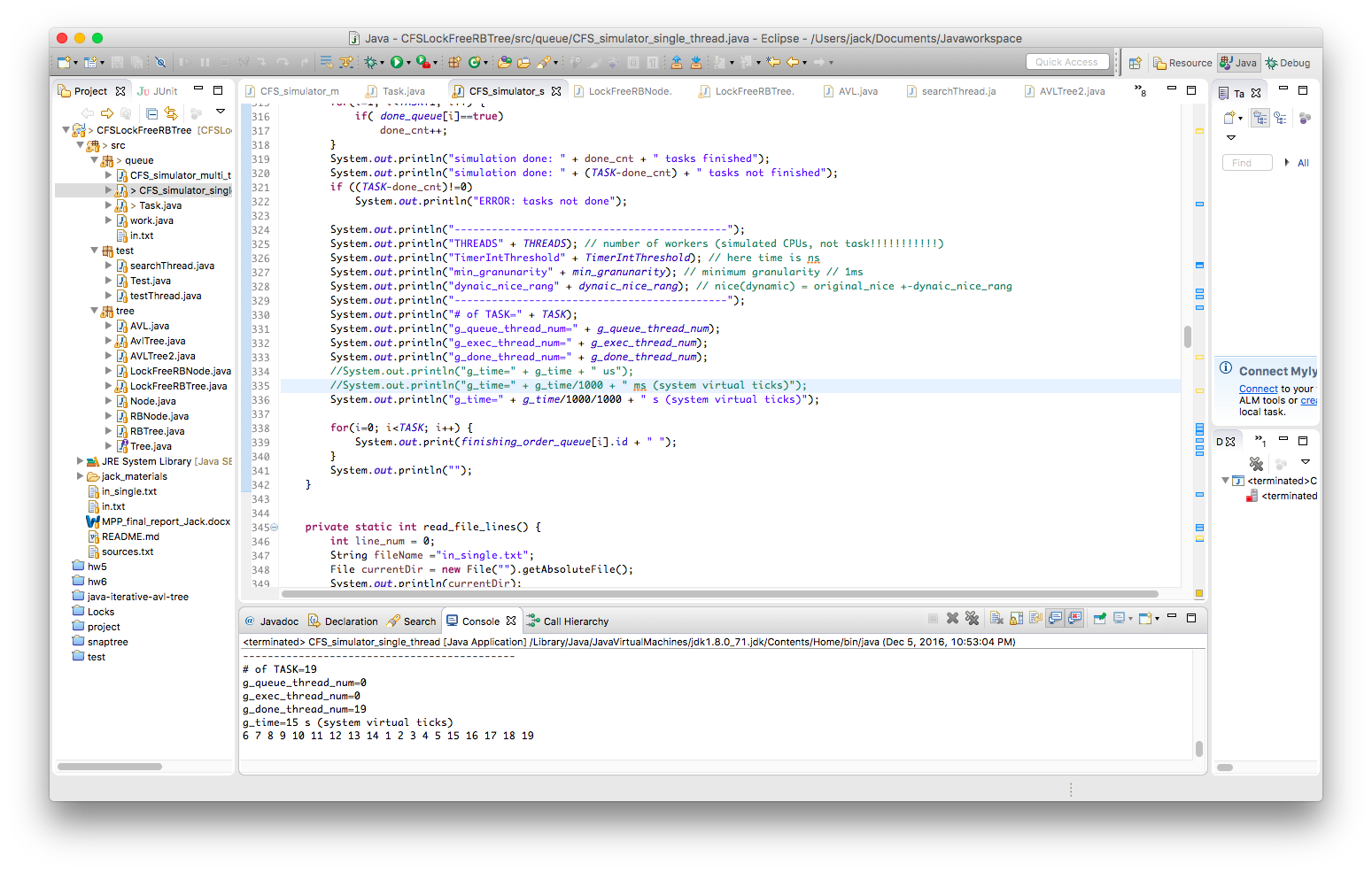
**Experimental results**

2. CFS

Input task:



Single thread simulator result:



enqueue() order can be different

**Appendix**

CFS simulator single-thread version

CFS\_simulator\_single\_thread.java

CFS simulator multi-thread version

CFS\_simulator\_multi\_thread.java

**static** **boolean** *IS\_RBTREE* = **false**; // AVLTree

**static** **boolean** *IS\_RBTREE* = **true**; // RBTree