

Thread Pool with Multiple Queues Exercises

Thread Pool with Multiple Queues

- In the thread pool in the last lecture, all the threads shared the same queue of tasks
- Are there any disadvantages to this?
- How does giving each thread its own queue of tasks help here?

Work Sharing

- Does this "work sharing" approach give better performance than a single queue?
- Are there any disadvantages to work-sharing?

Work Sharing Implementation

- Suggest how to convert the thread pool from the previous lecture to use work-sharing

Work Sharing Implementation

- What is meant by "round-robin" scheduling?