

CMSC433, Spring 2002 Concurrent Programming in Java

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Administrivia

- Project 5 questions?
- 2nd midterm next Thursday, April 25
 - practice exam by tomorrow
 - discuss and any other questions Tuesday
- Office hours today and tomorrow
 - today was at 11
 - tomorrow at 2

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Last time

- Concurrent (OO) programming
 - Immutability – no locks required
 - Stateless service objects
 - freeze state after construction
 - Locking
 - for atomicity
 - watch out for liveness problems
 - Java locks and thread caching
 - fully synchronized objects – all methods sync'ed
 - precedence for preventing deadlock
 - State dependence
 - many policies for state dependent actions (ignore, proceed, balk, guard, retry, timeout, ...)

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