

CS323 Operating Systems Deadlock II

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Content of this lecture

- Administrative announcements
- Deadlock avoidance
- Deadlock detection
- Summary

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Administrative

- MP2 starts today

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Review

- Resource: preemptible or non-preemptible
- Deadlock conditions
 - Mutual exclusion
 - Hold and wait
 - Non-preemption
 - Circular wait
- Deadlock prevention
 - Break the condition
 - 2-phase locking

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