

Lecture notes for Week 5: Stacks and Queues

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1. Topics

1. Stacks
2. Queues
3. Uses
4. Implementation

1.1. Textbook portions covered

Introduction to Algorithms (Cormen et al.)

Chapter 10 Section 1

Engineering Algorithms...(Clowes "online book")

Chapter 6

2. Lecture 13 (Friday, February 4 2005)

2.1. Announcements

- QUIZ

2.2.

1:

3. Lecture 14/15 (Tuesday, 8 February 2005)

3.1. Announcements

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4. Suggested Problems

Introduction to Algorithms (Cormen et al.)

- Exercise 10.1-1
- Exercise 10.1-2
- Exercise 10.1-3
- Exercise 10.1-4
- Exercise 10.1-5
- Exercise 10.1-6
- Exercise 10.1-7

Engineering Algorithms...(Clowes "online book")

- 6.2
- 6.6
- 6.7
- 6.9
- 6.12