Administrivia

- Homework 2: If your code gave warnings in Eclipse, odds are good there's something you should correct.

- Reminder: Homework 3 design due today, code Thursday. (Questions?)

- Reminder: Midterm next Tuesday. Review sheet on Web by Thursday.

Slide 1

Abstract Data Types

- "Abstract data type" (ADT) is defined as
    - A set of values.
    - A set of operations on those values.

- In other words — something that stores data (in an unknown form) and provides a standard interface for dealing with it.

Slide 2

Stack ADT

- Value — list of elements.

- Operations — push, pop, "empty?"

- We could define a Java interface and an implementation . . .

Slide 3

Queue ADT

- Value — list of elements.

- Operations — enqueue, dequeue, "empty?"

- We could define a Java interface and an implementation . . .

Slide 4

Minute Essay

- None — quiz.

Slide 5