

Lecture 32: Midterm 2 Review

Last time:

1. Exceptions (continued)
2. Collections in Java: Stack, ArrayList

Today

1. Midterm 2 Review 4/18



Midterm Exam: Wed. 11/15

- Test will be given in discussion section
- Go to your own section!
- Test will be:
 - Closed notes / book / neighbor / etc.
 - Cover all material since beginning of course, with special emphasis on topics since last midterm (through exceptions)
- Study!
 - Review notes, projects, quizzes
 - Use study questions on web-site
- Don't stay up all night
- Bring a pencil (or two!) with good erasers

Midterm Review

What Is / Are ...



- JUnit?
- mutable objects / immutable objects?
- switch?
- break?
- default?
- case continuation?
- continue?
- arrays?
- array indexing?
- default values of instance variables?
- length?
- `ArrayIndexOutOfBoundsException`?
- Array aliasing?

Midterm Review

What Is / Are ...



- Array initializers?
- Array promotion during argument passing?
- Shallow / half-deep / deep copying of arrays?
- Privacy leaks?
- Model-View-Controller design pattern?
- Polymorphism?
- Interfaces?
- `implements`?
- Differences between interfaces, classes?
- Wrappers?
- `<bexp> ? <exp1> : <exp2> ?`

Midterm Review

What Is / Are ...



- API?
- `Foo.java` / `Foo.class`?
- `javac`?
- `java`?
- `ClassPath`?
- command-line arguments?
- Javadoc?
- Javadoc tags?
- two-dimensional arrays?
- ragged arrays?
- rectangular arrays?
- filenames and class names?

Midterm Review

What Is / Are ...



- packages?
- subpackages?
- package hierarchy?
- fully qualified name?
- `import`?
- `package`?
- non-public classes?
- `.jar` files?
- exceptions?
- throwing / handling exceptions?
- `try` / `catch` / `finally`?
- stack trace?
- exception propagation?