Serialization

Reading from text file

- Scanner input = new Scanner(System.in);
  - Read from standard input (stdin) => keyboard
  - Redirect stdin from a text file using <
    - java myProg < data.txt
- System.out.print – output to stdout
  - Can also redirect stdout to a text file using >
    - java myProg > results.txt
    - java myProg < data.txt > results.txt
- Wrap Scanner object round a File object
  - Scanner input = new Scanner(new File("data.txt"));

Serialization

- Implement Serializable
  - No methods to implement!
  - All componets (instance variables, objects) must be serializable as well!
- Opening files
- Writing / Reading
- Closing files
- IOException and its subclasses are checked exceptions
  - Have to be in try-blocks!!!
- instanceof operator
- Object downcasting