

Basic Input/Output

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Streams

- Sequences of bytes
- Java classes for both input and output streams
 - Package: java.io
 - Specialized for types of data

Output to Console

- Using System.out object
 - PrintStream class

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java.io.Scanner

- New class for handling input
 - Since Java 1.5
- Many constructors
 - Read from file, input stream, string ...
- Many methods
 - readNextXXXX (int, long, line)
 - Skipping patterns, matching patterns, etc.

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java.io.Scanner

- System.in is an InputStream
 - Can pass to Scanner to read from stream
- Throws exceptions if format of input data is not correct
 - Handle in try/catch

TestProgram.java