Announcements, Reminders

• Quiz 1 was yesterday – Grades will be posted later tonight!
• Quiz Retakes – May 9
  • Form will be posted soon
  • Quiz 0 and Quiz 1 are eligible for retake (last opportunity for Quiz 0)
• Head TA Kai will be giving lectures next week (5/10 and 5/12)!
• Programming Assignment 2 will be released later tonight
  • Due Tuesday May 16
**谛（PCM） Scanner**

An **object** that we can use to *read in input*

In the java.util package

<table>
<thead>
<tr>
<th>Methods</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nextInt()</td>
<td>Reads the next token from the user as an int and returns it</td>
</tr>
<tr>
<td>nextDouble()</td>
<td>Reads the next token from the user as a double and returns it</td>
</tr>
<tr>
<td>next()</td>
<td>Reads the next token from the user as a String and returns it</td>
</tr>
<tr>
<td>nextLine()</td>
<td>Reads an <em>entire line</em> from the user as a String and returns it</td>
</tr>
</tbody>
</table>
(PCM) Tokens

A unit of user input, as read by the Scanner

- Tokens are separated by whitespace (spaces, tabs, new lines)

23 John Smith 42.0 "Hello world" $2.50 " 19"
Fencepost Pattern

Some task where one piece is repeated $n$ times, and another piece is repeated $n-1$ times and they alternate.