

CS126 Precept 6

Meeting 2

Randy Wang

Factors.java

- Debugging
 - Syntax error (or compile time errors)
 - Run time errors (bugs)
 - Infinite loops
 - Insert print statements

Triangle.java (2.3)

- for loops
- System.out.println();
System.out.print();
- Variable scope

Additional Exercises

- ISBN.java (2.3.32)
- RandomWalker.java (2.3.39)

Additional Hints for HW1

- `Math.sqrt(4.0)`
- Learning to use Java documentation
 - Browse online:
<http://java.sun.com/j2se/1.4.2/docs/api/index.html>
 - Download:
<http://java.sun.com/j2se/1.4.2/download.html#docs>
 - Keep locally (e.g.):
<E:\download\javadococs\docs\index.html>

Additional Hints for HW1

- `StdIn.readDouble()`
 - Need to download `StdIn.java` from assignment checklist page
 - Just put this file in the working directory
- Check prime number hints:
 - Suppose the number to be checked is 43, how many numbers should we try to divide 43 with?
 - Is it necessary to go all the way to 42?
 - If not, when can you stop?