CSE 8a Exam #2 Study Hints

1) Reading Quizzes (1/16-1/30)
2) Peer Instruction questions
3) Includes: objects, methods (void), loops (nested), 1-D arrays
   - Lecture3 (slide 7) through Lecture7 (slide 10)
   - Note: Lecture4 (slides 15-18: Exam#2 practice)
4) Discussion section: 1/25, 1/30 (next slides)
5) End of chapter problems
   - Ch 4: 1, 3, 6, 7, 8, 12  Ch 5: 1, 2
6) Terms from above
Q1a: What gets printed?

Q1b: What gets printed, if (comment) line 2 was "j--;" instead?

Q1c: What gets printed, if line 2 and 3 are swapped?

Q1d: What gets printed, if line 1 is "int j = 3;"

Q1e: What gets printed, if curly braces are omitted?

Q1f: What gets printed, if line 2 and 3 are swapped and curly braces omitted?

Q1g: Rewrite the while loop to a for loop.
World w = new World( );
Turtle t = new Turtle( w );
t.drawSun( 3 );         // 1
 t.drawSun( "bright" );  // 2
 t.drawSun( );           // 3
 t.drawSun( 1.23, 0 );   // 4
 t.drawSun( 'Y' );"     // 5
 t.drawSun( true );"    // 6

Q2a: FILL in the blank on this Turtle method definition, to match the method calls above.

    public void   drawSun ( _______________ ){}

Q2b: Change the "void" if drawSun() was to return:

1)  3.14
2)  "hot"
3)  2
Q3) What gets printed?

```
for( int r = 0 ;  r < 3 ; r++ )

    for( int c = 0 ; c < 4 ; c++ )

        System.out.println( "row:" + r + " col:" + c );
```