CSC 210 Homework #9

Due Monday March 3, 2008… One point.
/* Last homework… Woot! */

1. Complete problems 2-7 on page 616-617.

2. Don't look at the answers to question 1 on pages 617-619 until you've tried to solve them yourself.

3. Complete problems 3-6 on page 619. You can use three-letter abbreviations for the months, right? Jan, Feb, Mar…

4. For the following random sequence:

```
75
32
94
45
 3
21
88
 7
85
85
68
14
```

   a) Insert into a red-black tree
   b) Insert into a 2-3 tree
   c) Insert into a 2-3-4 tree

5. Goto http://people.ksp.sk/~kuko/bak/index.html (the link's on the class blog) and verify your results from problem 4 for each tree type. Remember that a 2-3 tree is a B-tree with max order of 3. A 2-3-4 tree is a B-tree with a max order of 4. **Print** the applet's final tree result for each example. Bring your 3 pages to class.

6. Goto www.random.org , pick "Integer Generator". Generate your own 12 random integers between 0 and 100. Isn't that cool? Do you understand the difference between this and Java's Random class?

happy homework… yow, bill