Chapter 1

Section 2

Page 10

"\nRAM: " + ramSize + " ~~megabytes~~gigabytes " +

Chapter 1

Section 2

Page 14

Notebook c4 = new Notebook("Bravo", "Intel", 1.0, 160, 2.0, 15.5, 7.5~~, 2.0~~);

Chapter 1

Section 3

Page 20

Method Computer.~~compute~~comparePowers compares the power of the Computer object it is

Chapter 1

Section 4

Page 27

What do abstract ~~methods~~ classes and interfaces have in common? How do they differ?

Chapter 1

Secton 6

Page 42

**2.** What is the difference between the kind of unchecked exceptions in class Error

and the kind in class RuntimeException?

Chapter 2

Section 7

Page 112

ListIterator<String> iteratorToSam = myList.listIterator(indexOfSam);

Chapter 2

Section 11

Page 141

~~/\*\* Method to return an integer data value.~~

~~@param prompt Message~~

~~@return The data value read as an int~~

~~\*/~~

~~public static int readInt(String prompt) {~~

~~while (true) { // Repeat until valid number is read.~~

~~try {~~

~~String numStr = JOptionPane. showInputDialog (prompt);~~

~~return Integer.parseInt (numStr);~~

~~}~~

~~catch (NumberFormatException ex) {~~

~~JOptionPane.showMessageDialog (null,~~

~~"Bad numeric string — Try again",~~

~~"Error", JOptionPane.ERROR\_MESSAGE);~~

~~}~~

~~}~~

~~}~~

/\*\* *Method to return an integer data value between two*

*specified end points.*

pre: minN <= maxN.

@param prompt *Message*

@param minN *Smallest value in range*

@param maxN *Largest value in range*

@throws IllegalArgumentException

@return *The first data value that is in range*

\*/

public static int readInt(String prompt, int minN, int maxN) {

if (minN > maxN) {

throw new IllegalArgumentException(

"In readInt, minN " + minN

+ " not <= maxN " + maxN);

}

boolean inRange = false; // Assume no valid number read.

int n = 0;

while (!inRange) { // Repeat until valid number read.

try {

String line = JOptionPane.showInputDialog(

prompt + "\nEnter an integer between "

+ minN + " and " + maxN);

n = Integer.parseInt(line);

inRange = (minN <= n && n <= maxN);

}

catch (NumberFormatException ex) {

JOptionPane.showMessageDialog(

null,

"Bad numeric string — Try again",

"Error", JOptionPane.ERROR\_MESSAGE);

}

} // End while

return n; // n is in range

}

Chapter 3

Section 3

Page169

**2.** How do your answers to Question 1 change if the initial capacity is 45 instead of 7? (Change the 4 to a 5)

Chapter 6  
Section 3  
Page 311

public BinaryTree<E> getLeftSubtree() {  
 if (root != null && root.left != null) {  
 return new BinaryTree<E>(root.left);  
 } else {  
 return new BinaryTree<E>(null);  
 }  
}

Chapter 6  
Section 3  
Page 311

public boolean isLeaf() {  
 return root == null || (root.left == null && root.right == null);  
}

Chapter 7  
Section 1  
Page 367

In Example ~~9~~7.1, why is setAcopy needed? What would happen if you used the (Change the 9 to a 7)

Chapter 8  
Section 6  
Page 440

Trace the execution of Shell sort on the following array. Show the array after all

sorts when the gap is 5, the gap is 2 ~~3~~ and after the final sort when the gap is 1. List the number

of comparisons and exchanges required when the gap is 5, the gap is 2 ~~3~~ and when the gap

is 1. Compare this with the number of comparisons and exchanges that would be

required for a regular insertion sort.

Chapter 9  
Section 3  
Page 502

Show how the final ~~AVL~~Red-Black tree for the “The quick brown fox” changes as you

Chapter 9  
Section 4  
Page 510

Show the following 2-3 tree after inserting each of the following values one at a time: 1, 4, 9.

Chapter 9  
Section 4  
Page 510

Show the following 2-3 tree after inserting each of the following one at a time: 9, 13.

Chapter 9  
Section 5  
Page 524

Show the following 2-3-4 tree after inserting each of the following values one at a time: 1, 5, 9,

Chapter 10  
Section 6  
Page 588  
Replace the un-numbered figure with the following (note that the second 7 becomes a 9):

Question 10_6_2.eps

Appendix A  
Section 5  
Page 628

You want to extract the words in the string "Nancy\* ~~has~~ has thirty-three\*\*\* fine!!

(The font of “has” should be changed from Sabon-Roman to LucidaSans Typ)

Appendix A  
Section 7  
Page 644

Person p2 = new Person("abcd");