**Questions**

1. What is the initial capacity of the following string buffer?
2. StringBuffer sb = new StringBuffer("Able was I ere I saw Elba.");
3. Consider the following string:
4. String hannah = "Did Hannah see bees? Hannah did.";
   1. What is the value displayed by the expression hannah.length()?
   2. What is the value returned by the method call hannah.charAt(12)?
   3. Write an expression that refers to the letter b in the string referred to by hannah.
5. How long is the string returned by the following expression? What is the string?
6. "Was it a car or a cat I saw?".substring(9, 12)
7. In the following program, called ComputeResult, what is the value of result after each numbered line executes?
8. public class ComputeResult {
9. public static void main(String[] args) {
10. String original = "software";
11. StringBuffer result = new StringBuffer("hi");
12. int index = original.indexOf('a');
13. /\*1\*/ result.setCharAt(0, original.charAt(0));
14. /\*2\*/ result.setCharAt(1, original.charAt(original.length()-1));
15. /\*3\*/ result.insert(1, original.charAt(4));
16. /\*4\*/ result.append(original.substring(1,4));
17. /\*5\*/ result.insert(3, (original.substring(index, index+2) + " "));
18. System.out.println(result);
19. }
20. }

**Exercises**

1. Show two ways to concatenate the following two strings together to get the string "Hi, mom.":
2. String hi = "Hi, ";
3. String mom = "mom.";
4. Write a program that computes your initials from your full name and displays them.
5. An anagram is a word or a phrase made by transposing the letters of another word or phrase; for example, "parliament" is an anagram of "partial men," and "software" is an anagram of "swear oft." Write a program that figures out whether one string is an anagram of another string. The program should ignore white space and punctuation.