CS 62 Quiz 1

January 30, 2015

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To use standard Java graphics, one must have a paint method with the following header

public void paint(Graphics g) {…}

1. What role does the paint method play in a graphics program? I.e., what is it supposed to do? *(A one sentence answer can be adequate.)*

2. If the programmer wants to force a call of the paint method on a variable called canvas (e.g., created from a class that extends JFrame), what statement do you write to get the body of paint to execute, assuming the statement is outside of the class of canvas?

3. [True or False] The assert keyword should be used to check preconditions of public methods. Give a short justification of your answer. (*A one sentence answer can be adequate*)