CIS 121 - Quiz 5 - Wednesday, June 16, 2004

Name: ________________________________ J Number: ________________________________

1. (2 pts) The program that loads an applet and runs it is called its ________________, and the first method this program calls in the applet’s class definition is ________________.

2. (2 pts) Suppose we want to fill in a circle in red whose center is at the center of an applet and whose radius is 1/2 of the width of the applet. What two lines of code within the paint method will do this?

3. (2 pts) In order to hear when an action event occurs, an object must be an ________________ which means that it implements an interface which contains the method ________________.

4. (2 pts) Recalling what the method getSource() returns and that the Object class does not define the method getWidth(), how would you implement the following method to print out what the width of the JButton is that caused the event to occur? Assume that the only component in the class definition that could cause an action event is a JButton.

   public void actionPerformed(ActionEvent e) {

   }

5. (2 pts) Suppose you have a JButton referred to as button in an applet’s class definition. How would you modify the JButton so that its lower-right corner is placed at the lower-right corner of the applet?