CIS 120 - Quiz 10 - Friday, October 31, 2003

Name: ______________________________ J Number: ______________________________

1. (2 pts) Show a line of code which will produce a random integer somewhere between 100 and 200 where 200 could possibly be one of the values.

2. (2 pts) The ________________ of an identifier is the portion of the program in which it can be referenced by name, and for a formal parameter this thing is ________________.

3. (2 pts) The program that runs an applet is called its ________________, and the parameter of the paint method in an applet is of type ________________.

4. (2 pts) When a formal parameter is not a primitive data type, and the method in which it is declared is executed, the formal and actual parameters become ________________ because non-primitive data types are always passed by ________________ in Java unlike primitive data types which are passed by value.

5. (4 pts) Fill in the following paint method (without using the method fillRect) that will fill in the triangular portion of the applet whose vertices are the lower-left corner, upper-right corner, and lower-right corner of the applet’s window.

    public void paint(Graphics g) {
