Simple Jeroo Programs

**Directions**: Read section 5.3 and answer the following questions.

1. What is included in the body of a method?

comments, blank lines, action statements, and control structures

1. List four ways whitespace should be used in a program?

1. Blank lines should be used to organize the parts of the source code into groups that correspond to the logic of the algorithm.

2. Indentations using tabs or spaces should be used to show the extent of methods and control structures.

3. Spaces should be used to help a reader see the important parts of a line of source code.

4. A newline (press Enter or Return on the keyboard) should be used at the end of every statement, to break up long statements into smaller parts, and to help show the major parts of the code.

1. \_\_Comments\_\_are phrases that a programmer inserts into a program to provide additional information for anyone who reads the program.
2. What symbol is used to add a comment to Java style Jeroo program? //
3. Write the form of a main method below.

method main()

{

}

1. What should you do at the beginning of the main method? Create all your Jeroo objects.
2. Write the code for a Jeroo constructor that will create a Jeroo object named fred that has 12 flowers in his pouch.

Jeroo fred = new Jeroo(12);

1. Write the code for a Jeroo constructor that will create a Jeroo object named wilma with a starting location of (5,10).

Jeroo wilma = new Jeroo(5, 10);

1. What is the purpose of an action statement?

request that a Jeroo perform a specific task

1. Assume you have created a Jeroo object named barney, write a Jeroo action statement that tells barney to pick up a flower.

barney.pick();