# Chapter 2 Homework - John Paukovits

1. What are the conventions for naming a class and naming a variable?
   1. The naming convention of a class starts with a capital letter and capitalizes each letter of a new work with no spaces.
2. A \_\_\_\_ and a \_\_\_\_ begin and end the body of every method.
   1. An open curly brace and closing curly brace begin and end the body of every method.
3. What is the difference between System.out.print, System.out.println, and System.out.printf?
   1. System.out.print – Prints a line and places the cursor in line. The next print statement, if called, will print on the same line after the System.out.print output.
   2. System.out.println – Prints a line and places the cursor on the next line in the terminal.
   3. System.out.printf – This is a print function that takes a string format argument followed by string that will print depending on the string format argument.
4. Declare a variable named input that will allow a program to ask for input.
   1. Scanner input = new Scanner(System.in);
5. What does the if selection statement do?
   1. An if statement places conditions on the next line of code that will run if true. The first condition within an if statement that in evaluated true will execute.