8.02 Essay

When writing code, there are various amounts of ways to go about formatting. It is always up to the programmer on how they want their code to work. It can be like a math problem; the mathematician can choose anyway they want to solve the math problem. Ending up with the same answer as another person who solved the math problem a different way.

In the three prompts that are given, they all end up printing out the same exact thing. The first version is written the simplest out of the three. It is straight forward and gets down to brass tax. It defines the call and then the main class has print statements, which in turn print out the messages. In version two, there is a method created that prints out the messages, but the programmer also had to make the main method and then call the method printTwoLines() to print out the statements. Lastly, in the third version of the program, which is the longest. The programmer made an object then a method to print out the two messages and ending with the main method. This was the longest program of the three and takes up the most work of the three. It has a lot of extra work that does not need to be done for such a simple task. Now if it were the case where the program was complex and needed these thing, then I can see where it would come in handy.

In my opinion, the first version does just fine for the simplicity of the program. Whereas, version two and three are not needed unless the program was to grow and become more complex than what is given to us in the prompts. In my conclusion, there are tremendous amounts of ways to format code, but it is up to the coder on how the program will be formatted. There is no reason to make a program more complicated than it actually needs to be, because coming back to the program and trying to figure out what is going on can be more difficult.