08.02 Assignment Instructions

In your English classes, you have probably been asked to compare and contrast the plot, setting, characters, imagery, vocabulary, metaphors, rhetorical strategies, etc. of different types of literature (e.g., *The Color Purple* vs. *The Scarlet Letter*, *To Kill a Mockingbird* vs. *Fahrenheit 451*, or *The Crucible* vs. the *Scarlet Letter*). Your literary analysis skills can be transferred to comparing and contrasting programs written in different styles, too. You have been developing keen observational skills as your Java programming fluency has steadily increased over the last few weeks. You are aware that programs exhibit a definite syntax and style, organizational structure, vocabulary, flow of control, etc., which can be gleaned by careful observation during a desk check.

In this assignment you will apply some of the writing lessons you have learned about comparing and contrasting, but in a different context. The source code for three programs is provided. Using a word processor, write a short essay (approximately 300 words) comparing and contrasting the source code of the three programs. Conclude your essay by giving your opinion about the style you currently prefer and the reason(s) for your choice.

Grading: Your assignment will be graded according to the following rubric.

Grading Rubric	**Pts**
Essay typed with a word processor.	1
Introduction sets tone and captures attention.	1
Essay is well organized and has unity.	1
Paragraphs discuss similarities and/or differences in logical order.	3
Paragraphs and ideas are connected with transitional words and phrases.	1
Conclusion summarizes main points and restates the thesis in different words.	2
There are no errors in grammar, usage, or mechanics.	1
Total	10

Submission: Submit your essay as Assignment 08.02 for a grade.

```
public class HelloWorldV1
{
    //main method
    public static void main(String[] args)
    {
       System.out.println("Hello, Virtual World!");
       System.out.println("It is a great day for programming.");
    }
}
```

```
public class HelloWorldV2
{

    //print two lines of text
    public static void printTwoLines( )
   {
       System.out.println("Hello, Virtual World!");
       System.out.println("It is a great day for programming.")
    }

    //main method
    public static void main(String [] args)
   {
        printTwoLines();
    }
}
```

```
public class HelloWorldV3
{
    //default constructor
    HelloWorldV3()
    {
    }

    //print two lines of text
    public void printTwoLines( )
   {
       System.out.println("Hello, Virtual World!");
       System.out.println("It is a great day for programming.");
    }

    //main method
    public static void main(String [] args)
   {
       HelloWorldV3 hello = new HelloWorldV3( );
       hello.printTwoLines();
   }
}
```