

## CSE 142 Section Handout #1 Solutions

1.

```
public class Mantra {
    public static void main(String[] args) {
        System.out.println("There's one thing every coder must understand:");
        System.out.println("The System.out.println command.");
        System.out.println();
        System.out.println("There's one thing every coder must understand:");
        System.out.println("The System.out.println command.");
    }
}
```
2.

Dear "DoubleSlash" magazine,

        Your publication confuses me. Is it  
a \\ slash or a //// slash?

Sincerely,  
Susan "Suzy" Smith
3.

```
public class Difference {
    public static void main(String[] args) {
        System.out.println("What is the difference between");
        System.out.println("a ' and a \"? Or between a \" and a \\\"?");
        System.out.println();
        System.out.println("One is what we see when we're typing our program.");
        System.out.println("The other is what appears on the \"console.\"");
    }
}
```
4.

I am method 1.  
I am method 1.  
I am method 2.  
I am method 3.  
I am method 1.  
I am method 1.  
I am method 2.  
I am method 1.  
I am method 2.  
I am method 2.  
I am method 3.  
I am method 1.

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5.

```
// Philip J. Fry, CSE 142, Autumn 3097, Section AX
// This program draws several repeated figures of stars.

public class StarFigures {
    public static void main(String[] args) {
        figure1();
        System.out.println();
        figure2();
        System.out.println();
        figure3();
    }

    public static void figure1() {
        horizontalBar();
        printX();
    }

    public static void figure2() {
        figure1();
        horizontalBar();
    }

    public static void figure3() {
        System.out.println(" *");
        System.out.println(" *");
        System.out.println(" *");
        figure1();
    }

    public static void horizontalBar() {
        System.out.println("*****");
        System.out.println("*****");
    }

    public static void printX() {
        System.out.println(" * *");
        System.out.println(" *");
        System.out.println(" * *");
    }
}
```