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 3.
   I am method 1.
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(" * *");
    }
}