1) A challenge! Write as short a program as you can that prints 500 lines of "Hello world!". It must use proper program formatting and not use loops. Give your methods meaningful names. Hint: if `foo()` prints 2 lines and `bar()` calls foo 3 times, then `bar()` prints 6 lines.

2) A method should not be allowed to get very long or do too many different things. (I was once taught that if an entire method didn't fit in my editor window, then it was probably too long.) Shorten the method below by factoring out related and/or repeated lines and putting those lines into their own methods. Be sure to give the new methods meaningful names.

```java
public static void AllYouNeedIsLove() {
    System.out.println();
    System.out.println("Love, love, love");
    System.out.println("Love, love, love");
    System.out.println("Love, love, love");
    System.out.println();
    System.out.println("There's nothing you can do that can't be done");
    System.out.println("Nothing you can sing that can't be sung");
    System.out.println("Nothing you can say but you can learn how to play the game");
    System.out.println("It's easy");
    System.out.println();
    System.out.println("Nothing you can make that can't be made");
    System.out.println("No one you can save that can't be saved");
    System.out.println("Nothing you can do but you can learn how to be you in time");
    System.out.println("It's easy");
    System.out.println();
    System.out.println("All you need is love");
    System.out.println("All you need is love");
    System.out.println("All you need is love, love");
    System.out.println("Love is all you need");
    System.out.println();
    System.out.println("Love, love, love");
    System.out.println("Love, love, love");
    System.out.println("Love, love, love");
    System.out.println();
    System.out.println("All you need is love");
    System.out.println("All you need is love");
    System.out.println("All you need is love, love");
    System.out.println("Love is all you need");
    System.out.println();
    System.out.println("Nothing you can know that isn't known");
    System.out.println("Nothing you can see that isn't shown");
    System.out.println("Nowhere you can be that isn't where you're meant to be");
    System.out.println("It's easy");
    System.out.println();
    System.out.println("All you need is love");
    System.out.println("All you need is love");
    System.out.println("All you need is love, love");
    System.out.println("Love is all you need");
}
```