

Quickcheck 01: CSE 143 review

Name:

Reference Mystery

What does this program print out? (Note: you should probably try and draw diagrams to help you figure out the answer rather than doing it in your head)

```
import java.util.Arrays;

public class Mystery {
    public static void main(String[] args) {
        int x = 1;
        int[] a = new int[2];
        mystery1(x, a);
        System.out.println(x + " " + Arrays.toString(a));

        x -= 1;
        a[1] = a.length;
        mystery1(x, a);
        System.out.println(x + " " + Arrays.toString(a));

        mystery2(x, a);
        System.out.println(x + " " + Arrays.toString(a));
    }

    public static void mystery1(int x, int[] list) {
        list[x] += 1;
        x += 1;
        System.out.println(x + " " + Arrays.toString(list));
    }

    public static void mystery2(int x, int[] list) {
        list = new int[]{x, x};
        System.out.println(x + " " + Arrays.toString(list));
    }
}
```

Another question

Do you have any questions about this course? It could be about policy, content, instructors, TAs, etc.