

Credit Name: CSE 2120 Data Structures 1

Assignment Name: EvensAndOdds

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

```
ArrayList<Integer> evens = new ArrayList<Integer>();
ArrayList<Integer> odds = new ArrayList<Integer>();

Random random = new Random();

for (int i=0 ; i < 25; i++) {
    int num = random.nextInt(100);
    if (num % 2 == 0) {
        evens.add(num);
    } else {
        odds.add(num);
    }
}

System.out.println("ODD " + odds);
System.out.println("EVEN " + even);
```

When printing the odd and even numbers i didnt put an s at the end of the word i wrote evens and odds without thinking and i think thats why i didnt put an s at the end of odd and even

```
for (int i=0 ; i < 25; i+) {
```

Only one plus sign here when theres supposed to be 2

```
for (int i=0 ; i < 25; i++) {
    int num = random.nextInt(1000);
```

This is not really an error but at first i had 1000 random numbers it could choose from but then i thought that was too high so i changed it to only 100 numbers