```java
1    /**
2     * header
3     */
4    import java.lang.System;
5    import java.lang.Math;
6
7    public class ArrayFunHouse
8    {
9        //instance variables and constructors could be used, but are not really needed
10
11       /*
12       getSum() will return the sum of the numbers from start to stop, not including stop
13       @param numArray is an array of integers
14       @param start is the first location in the array to be added (inclusive)
15       @param stop is the last location in the array to be added ( not inclusive)
16       @return the integer sum of all the element values between start and stop (not
17       including stop)
         */
18       public static int getSum(int[] numArray, int start, int stop)
19       {
20           int sum = 0;
21           for(int i = start; i < stop; i++) {
22               sum += numArray[i];
23           }
24           return sum;
25       }
26
27       //instance variables and constructors could be used, but are not really needed
28
29       /*
30       getCount() will return the number of times a specific value is found in an array
31       @param numArray is an array of integers
32       @param val is number that we are looking for
33       @return the number of times val is found in the array
34        */
35       public static int getCount(int[] numArray, int val)
36       {
37           int count = 0;
38           for(int e: numArray) {
39               if( e == val ) {
40                   count++;
41               }
42           }
43           return count;
44       }
45
46       //instance variables and constructors could be used, but are not really needed
47
48       /*
49       removeVals() will return an array without any instances of a specific value
50       @param numArray is an array of integers
51       @param val is the value we want to remove
52       @return the integer array without the value
53        */
54       public static int[] removeVals(int[] numArray, int val)
55       {
56           //her runner class may have some ambiguity, I'm going to change her runner class
57           //ill try my best to do this, Ill ask her about it on monday
58
59           int numberOfOcurrences,  count;
60               numberOfOcurrences = count = 0;
61
62           for(int i = 0; i < numArray.length; i++ ) {
63               if( !( numArray[i] == val ) ) {
64                   count++;
65               }
```

```
66                }
67
68            int[] response = new int[count];
69
70            int c = 0;
71            for(int i = 0; i < numArray.length; i++ ) {
72                if( !( numArray[i] == val ) ) {
73                        response[c] = numArray[i];
74                        c++;
75                }
76            }
77            return response;
78            /*
79            int c = 0;
80            for(int i = 0; i > numArray.length; i++ ) {
81                if( numArray[i] == val ) {
82                        numArray[i] = 0;
83                }
84            }
85            return numArray;*/
86        }
87    }
88
```