

```
1 /**
2  *
3  * Date: 4/12/22
4  *
5  * @author 125MFranklin
6  *
7  * Code counts how many times a number between 0 and 50 appear in an input of a list of
  integers
8  */
9
10 package prog6_1;
11 import java.util.Scanner;
12
13 public class ProgEx6_1 {
14
15     public static void main(String[] args)
16     {
17         Scanner scan = new Scanner (System.in);
18
19         System.out.println("Enter the amount of integers you will enter: ");
20         int x = scan.nextInt();
21
22         int[] arr = new int[x];
23         int[] array = new int[x];
24
25         System.out.println("Enter your " + x + " integers: ");
26
27         for(int y = 0; y < arr.length; y++)
28         {
29             arr[y] = scan.nextInt();
30         }
31
32         for(int z = 0; z < arr.length; z++)
33         {
34             if(arr[z] >= 0 && arr[z] <= 50)
35             {
36                 for(int num = 0; num <= 50; num++)
37                 {
38                     if(arr[z] == num)
39                     {
40                         array[z]++;
41                     }
42                 }
43             }
44         }
45
46         for(int z = 0; z < x; z++)
47             System.out.println(arr[z] + ": " + array[z]);
48
49     }
50 }
51
52
53 }
54
55 //Enter the amount of integers you will enter:
56 //4
```

ProgEx6_1.java

Tuesday, April 12, 2022, 8:30 AM

```
57 //Enter your 4 integers:
58 //3242
59 //22
60 //314
61 //32
62 //342: 0
63 //22: 1
64 //314: 0
65 //32: 2
66
67
68
```