

```
1 /**
2  *
3  * Date: 4/13/22
4  *
5  * @author 125MFranklin
6  *
7  * Code counts how many times a number between 0 and 100 appear in an input of integers. Then
  they are represented in asteriks and listed next to the range;"41-50: **"
8  */
9
10 package prog6_4;
11
12 import java.util.Scanner;
13
14 public class ProgEx6_4
15 {
16     public static void main(String[] args)
17     {
18         Scanner scan = new Scanner (System.in);
19
20         System.out.println("Enter the amount of integers you will enter: ");
21         int x = scan.nextInt();
22
23         int[] arr = new int[x];
24         String[] array = {"", "", "", "", "", "", "", "", "", ""};
25         String[] arrays = {"1 - 10: ", "11 - 20: ", "21 - 30: ", "31 - 40: ", "41 - 50: ", "51 -
60: ", "61 - 70: ", "71 - 80: ", "81 - 90: ", "91 - 100: "};
26
27         System.out.println("Enter your " + x + " integers: ");
28
29         for(int y = 0; y < arr.length; y++)
30         {
31             arr[y] = scan.nextInt();
32         }
33
34         for(int z = 0; z < arr.length; z++)
35         {
36             if(arr[z] >= 0 && arr[z] <= 100)
37             {
38                 for(int num = 0; num < 1; num++)
39                 {
40                     if(arr[z] > 0 && arr[z] < 11)
41                     {
42                         array[0] += "*";
43                     }
44
45                     if(arr[z] > 10 && arr[z] < 21)
46                     {
47                         array[1] += "*";
48                     }
49
50                     if(arr[z] > 20 && arr[z] < 31)
51                     {
52                         array[2] += "*";
53                     }
54
55                     if(arr[z] > 30 && arr[z] < 41)
```

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56      {
57          array[3] += "*";
58      }
59
60      if(arr[z] > 40 && arr[z] < 51)
61      {
62          array[4] += "*";
63      }
64
65      if(arr[z] > 50 && arr[z] < 61)
66      {
67          array[5] += "*";
68      }
69
70      if(arr[z] > 60 && arr[z] < 71)
71      {
72          array[6] += "*";
73      }
74
75      if(arr[z] > 70 && arr[z] < 81)
76      {
77          array[7] += "*";
78      }
79
80      if(arr[z] > 80 && arr[z] < 91)
81      {
82          array[8] += "*";
83      }
84
85      if(arr[z] > 90 && arr[z] < 101)
86      {
87          array[9] += "*";
88      }
89      }
90  }
91  }
92
93  for(int z = 0; z < 10; z++) {
94      System.out.println(arrays[z] + " " + array[z]);
95  }
96
97  }
98
99  }
100
101 //Enter the amount of integers you will enter:
102 //3
103 //Enter your 3 integers:
104 //44
105 //2
106 //344
107 //1 - 10:  *
108 //11 - 20:
109 //21 - 30:
110 //31 - 40:
111 //41 - 50:  *
112 //51 - 60:
```

ProgEx6_4.java

Wednesday, April 13, 2022, 9:13 AM

```
113 //61 - 70:  
114 //71 - 80:  
115 //81 - 90:  
116 //91 - 100:  
117
```