

The for-loop → Grades

 Medium

 11 minutes



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Find the number of D, C, B and A grades for the last test on informatics, where n students from a class have successfully passed the test.

In this task, we use a 5-point grading system and are interested only in passing grades: from 2 to 5. They correspond to the letter grades in the following way: 5 is for A, 4 is for B, 3 is for C and 2 is for D. The program gets number n as input and then gets the grades themselves: one by one.

The program should output four numbers in a single line: the number of D, C, B, and A grades respectively.

 Report a typo

Sample Input 1:

```
13
2
5
5
5
5
3
2
4
3
3
3
2
3
```

Sample Output 1:

```
3 5 1 4
```

 Write a program

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```
1 import java.util.Scanner;
2 class Main {
3     public static void main(String[] args) {
4         Scanner scanner = new Scanner(System.in);
5
6         int a = 0;
7         int b = 0;
8         int c = 0;
9         int d = 0;
10        int range = scanner.nextInt();
11        for (int i = 0; i < range; i++) {
12            int number = scanner.nextInt();
13            if (number == 5) {
14                ++a;
15            } else if (number == 4) {
16                ++b;
17            } else if (number == 3) {
18                ++c;
19            } else if (number == 2) {
20                ++d;
21            }
22        }
23        System.out.println(d + " " + c + " " + b + " " + a);
24        scanner.close();
25    }
26 }
27
```

Java

✓ Correct.

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