

## Boundary Average(---RETIRED---)

**Grade settings:** Maximum grade: 100

**Disable external file upload, paste and drop external content:** Yes

**Based on:** [Boundary Average\(---RETIRED---\)](#)

**Run:** Yes **Evaluate:** Yes

**Automatic grade:** Yes

Given an int array as input, write a program to compute the average of the maximum and minimum element in the array.

Include a class **UserMainCode** with a static method "**getBoundaryAverage**" that accepts an integer array as argument and returns a float that corresponds to the average of the maximum and minimum element in the array.

Create a class **Main** which would get the input array and call the static method **getBoundaryAverage** present in the UserMainCode.

### **Input and Output Format:**

The first line of the input consists of an integer n, that corresponds to the size of the array.

The next n lines consist of integers that correspond to the elements in the array. Assume that the maximum number of elements in the array is 10.

Output consists of a single float value that corresponds to the average of the max and min element in the array.

### **Sample Input :**

6

3

6

9

4

2

5

### **Sample Output:**

5.5

Qualifier Assessment Boundary x +

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File List Save All Compile & Run Evaluate Reset Restore Description

File list Main.java UserMainCode.java

```
1 import java.io.*;
2 class Main
3 {
4     public static void main(String args[]) throws IOException
5     {
6         BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
7         Integer n = Integer.parseInt(br.readLine());
8         int[] inputs = new int[n];
9         for(int i=0;i<n;i++) {
10             inputs[i] = Integer.parseInt(br.readLine());
11         }
12         System.out.println(UserMainCode.getBoundaryAverage(inputs));
13     }
14 }
15 }
```

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File list Main.java UserMainCode.java

```
1
2 public class UserMainCode {
3
4     public static float getBoundaryAverage(int[] element) {
5
6         //fill the code
7     }
8 }
9
10 }
```

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