Arrays as parameters → Adding values

📊 Medium   🕐 5 minutes   ❓

Write a method named `addValueByIndex`.

The method should take an array of longs and add value to the specified element by its index.

Here is a description of the parameters:

1. an array of longs;
2. the index of an element (`int`);
3. a value for adding (`long`).

The method must return nothing.

The following invocation should work correctly:

```
1    addValueByIndex(array, index, value);
```

Where `array` is an array of longs, `index` is an integer variable, `value` is a long value for adding.

📄 Report a typo

Sample Input 1:

```
1 1 1 1 1
2 100
```

Sample Output 1:

```
1 1 101 1 1
```

↳ Write a program

[Code Editor](#)   [IDE](#)

```java
                                                                    Java
1   import java.util.*;
2
3   public class Main {
4
5       // write a method here
6       public static void addValueByIndex(long[] array, int index, long value) {
7           array[index] += value;
8       }
9
10
11      // don't change the code below
12      public static void main(String[] args) {
13          Scanner scanner = new Scanner(System.in);
14          long[] array = Arrays.stream(scanner.nextLine().split(" "))
15                  .mapToLong(Long::parseLong)
16                  .toArray();
17          int index = scanner.nextInt();
18          long value = scanner.nextLong();
19          addValueByIndex(array, index, value);
20          Arrays.stream(array).forEach(e -> System.out.print(e + " "));
21      }
22  }
23
```
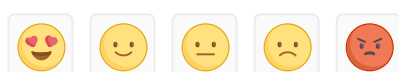
✔ Correct.

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