

KIDS WITH THE GREATEST NUMBER OF CANDIES

Given the array `candies` and the integer `extraCandies`, where `candies[i]` represents the number of candies that the *ith* kid has.

For each kid check if there is a way to distribute `extraCandies` among the kids such that he or she can have the **greatest** number of candies among them. Notice that multiple kids can have the **greatest** number of candies.

```
def kidsWithCandies(self, candies, extraCandies):
```

```
    """
```

```
    :type candies: List[int]
```

```
    :type extraCandies: int
```

```
    :rtype: List[bool]
```

```
    """
```

```
    lst = []
```

```
    maxm = max(candies)
```

```
    for i in candies:
```

```
        if (i + extraCandies) >= maxm:
```

```
            lst.append(True)
```

```
        else:
```

```
            lst.append(False)
```

```
    return lst
```

The screenshot shows the LeetCode interface for problem 1431, "Kids With the Greatest Number of Candies". The problem description states: "Given the array `candies` and the integer `extraCandies`, where `candies[i]` represents the number of candies that the *ith* kid has. For each kid check if there is a way to distribute `extraCandies` among the kids such that he or she can have the **greatest** number of candies among them. Notice that multiple kids can have the **greatest** number of candies."

Example 1:
Input: `candies = [2,3,5,1,3]`, `extraCandies = 3`
Output: `[true,true,true,false,true]`
Explanation:
Kid 1 has 2 candies and if he or she receives all extra candies (3) will have 5 candies --- the greatest number of candies among the kids.
Kid 2 has 3 candies and if he or she receives at least 2 extra candies will have the greatest number of candies among the kids.
Kid 3 has 5 candies and this is already the greatest number

The code editor shows the following Python solution:

```
1 class Solution(object):
2     def kidsWithCandies(self, candies, extraCandies):
3         """
4         :type candies: List[int]
5         :type extraCandies: int
6         :rtype: List[bool]
7         """
8         lst = []
9         maxm = max(candies)
10        for i in candies:
11            if (i + extraCandies) >= maxm:
12                lst.append(True)
13            else:
14                lst.append(False)
15        return lst
```

The test case results show:

Testcase	Run Code Result	Debugger
Accepted	Runtime: 24 ms	
Your input	<code>[2,3,5,1,3]</code> <code>3</code>	
Output	<code>[true,true,true,false,true]</code>	Diff
Expected	<code>[true,true,true,false,true]</code>	

At the bottom, there are buttons for "Run Code" and "Submit".