

PROBLEM: squares-of-a-sorted-array

<https://leetcode.com/problems/squares-of-a-sorted-array/submissions/>

```
def sortedSquares(self, A):
```

```
    """
```

```
    :type A: List[int]
```

```
    :rtype: List[int]
```

```
    """
```

```
    lst = []
```

```
    for i in A:
```

```
        a = i*i
```

```
        lst.append(a)
```

```
    print(lst)
```

```
    lst = sorted(lst)
```

```
    return lst
```

(7) Squares of a Sorted Array - Li x +

leetcode.com/problems/squares-of-a-sorted-array/submissions/

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Description Solution Submissions Discuss (999+)

Success Details

Runtime: 360 ms, faster than 8.62% of Python online submissions for Squares of a Sorted Array.

Memory Usage: 15 MB, less than 5.07% of Python online submissions for Squares of a Sorted Array.

Next challenges: Merge Sorted Array Sort Transformed Array

Show off your acceptance: f t in

Time Submitted	Status	Runtime	Memory	Language
a few seconds ago	Accepted	360 ms	15 MB	python

```
1 class Solution(object):
2     def sortedSquares(self, A):
3         """
4         :type A: List[int]
5         :rtype: List[int]
6         """
7         lst = []
8         for i in A:
9             a = i*i
10            lst.append(a)
11        print(lst)
12        lst = sorted(lst)
13        return lst
14
```

Testcase Run Code Result Debugger

Accepted Runtime: 16 ms

Your input [-4, -1, 0, 3, 10]

stdout [16, 1, 0, 9, 100]

Output [0, 1, 9, 16, 100] Diff

Expected [0, 1, 9, 16, 100]

Activate Windows Go to Settings to activate Windows.

Run Code Submit

Problems Pick One Prev 154/268 Next Console How to create a test case