

3:42 m

VoLTE 4G 10

NEW

PYTHON ▾

RUN ▶



```
1 def singleNumber(nums):  
2     result = 0  
3     for num in nums:  
4         result ^= num  
5     return result  
6  
7 nums1 = [2, 2, 1]  
8 nums2 = [4, 1, 2, 1, 2]  
9 nums3 = [1]  
10  
11 print(singleNumber(nums1))  
12 print(singleNumber(nums2))  
13 print(singleNumber(nums3))
```

STDIN

Input for the program (
Optional)

Output:

1
4
1

```

1  def climbStairs(n):
2      if n == 1:
3          return 1
4      elif n == 2:
5          return 2
6
7
8      dp = [0] * (n + 1)
9
10     dp[1] = 1
11     dp[2] = 2
12
13
14     for i in range(3, n + 1):
15         dp[i] = dp[i - 1] + dp[i - 2]
16
17     return dp[n]
18
19 print(climbStairs(2))

```

STDIN

Input for the program (
Optional)

Output:

2
3