

## 504. Base 7

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Given an integer, return its base 7 string representation.

**Example 1:**

Input: 100  
Output: "202"

**Example 2:**

Input: -7  
Output: "-10"

**Note:** The input will be in range of [-1e7, 1e7].

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Python



```
1 class Solution(object):
2     def convertTo7(self, num):
3         """
4         :type num: int
5         :rtype: str
6         """
7         s = ''
8         n = num
9         if num < 0:
10            n = -num
11        end = False
12        while not end:
13            rem = n % 7
14            s = s + str(rem)
15            n = n // 7
16            if n == 0:
17                end = True
18        s = s[::-1]
19        print s
20        if num < 0:
21            s = '-' + s
22        return s
23
24
25
26
```

Custom Testcase

Run Code

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