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1256. Encode Number

Medium 425 GP 90 Add to List Share

Given a non-negative integer num, Return its encoding string.

The encoding is done by converting the integer to a string using a secret function that you should deduce from the following table:

n	f(n)
0	""
1	"0"
2	"1"
3	"00"
4	"01"
5	"10"
6	"11"
7	"000"

Example 1:

Input: num = 23
Output: "1000"

Example 2:

Input: num = 187
Output: "101100"

Constraints:

- $0 \leq num \leq 10^9$

Accepted 3,197 Submissions 4,913

Seen this question in a real interview before?

Contributor

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Python Autocomplete

```
1+ class Solution(object):
2+     def encode(self, num):
3+         """
4+         :type num: int
5+         :rtype: str
6+         """
```

 1256/1444 >

Console Contribute ↴

Run Code

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