

5108. Encode Number

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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"

User Accepted:	14
User Tried:	21
Total Accepted:	14
Total Submissions:	21
Difficulty:	Medium

Example 1:

Input: num = 23
Output: "1000"

Example 2:

Input: num = 107
Output: "101100"

Constraints:

- $0 \leq \text{num} \leq 10^9$

Java

1

class Solution {

```
2  public String encode(int num) {  
3  
4      }  
5  }
```


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