

Problem 273: Integer to English Words

Problem Information

Difficulty: Hard

Acceptance Rate: 34.70%

Paid Only: No

Tags: Math, String, Recursion

Problem Description

Convert a non-negative integer `num` to its English words representation.

Example 1:

Input: num = 123 **Output:** "One Hundred Twenty Three"

Example 2:

Input: num = 12345 **Output:** "Twelve Thousand Three Hundred Forty Five"

Example 3:

Input: num = 1234567 **Output:** "One Million Two Hundred Thirty Four Thousand Five Hundred Sixty Seven"

Constraints:

$0 \leq \text{num} \leq 2^{31} - 1$

Code Snippets

C++:

```
class Solution {  
public:
```



```
string numberToWords(int num) {  
  
}  
};
```

Java:

```
class Solution {  
    public String numberToWords(int num) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def numberToWords(self, num: int) -> str:
```