Problem 405: Convert a Number to Hexadecimal

Problem Information

Difficulty: Easy
Acceptance Rate: 52.39%
Paid Only: No
Tags: Math, String, Bit Manipulation

Problem Description

Given a 32-bit integer `num`, return _a string representing its hexadecimal representation_. For negative integers, [two's complement](https://en.wikipedia.org/wiki/Two%27s_complement) method is used.

All the letters in the answer string should be lowercase characters, and there should not be any leading zeros in the answer except for the zero itself.

**Note: **You are not allowed to use any built-in library method to directly solve this problem.

Example 1:

Input: num = 26 **Output:** "1a"

Example 2:

Input: num = -1 **Output:** "ffffffff"

Constraints:

* `-231 <= num <= 231 - 1`

Code Snippets

C++:

```
class Solution {
public:
string toHex(int num) {

}
};
```

Java:

```
class Solution {
public String toHex(int num) {

}
}
```

Python3:

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