12. Integer to Roman

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Total Accepted: **85283** Total Submissions: **201295** Difficulty: **Medium** Contributors: **Admin**

Given an integer, convert it to a roman numeral.

Input is guaranteed to be within the range from 1 to 3999.

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Notes

C++ | ↻ | </>

```cpp
class Solution {
public:

    // refer to https://discuss.leetcode.com/topic/58994/my-c-solution-simple-only-1-line-with-25-ms-running-time

    string intToRoman(int num) {
        string Roman[4][10] = {
            {"", "I", "II", "III", "IV", "V", "VI", "VII", "VIII", "IX"},
            {"", "X", "XX", "XXX", "XL", "L", "LX", "LXX", "LXXX", "XC"},
            {"", "C", "CC", "CCC", "CD", "D", "DC", "DCC", "DCCC", "CM"},
            {"", "M", "MM", "MMM"}
        };
        return Roman[3][num/1000%10]+Roman[2][num/100%10]+Roman[1][num/10%10]+Roman[0][num%10];
    }
};
```

Custom Testcase ☐   Shortcut: Command + enter
▾

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Submission Result: Accepted (/submissions/detail/84019916/) ❓   More Details ❯ (/submissions/detail/84019916/)

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