[**Integer to Roman**](https://leetcode.com/problems/integer-to-roman/)

**public** **class** IntegerToRoman {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println(*intToRoman*(3999));

}

**public** **static** String intToRoman(**int** num) {

**if**(num <= 0) {

**return** "";

}

String[][] roman = {{"", "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"} };

**int** row = 0;

String result = "";

**while**(num != 0) {

result = roman[row][num % 10] + result;

row++;

num /= 10;

}

**return** result;

}

}

Time complexity : O(logn) , n is length of given number

Space Complexity : O(1) , constant space