Most Roman Numerals

THE CHALLENGE

Write a function to find the first integer less than *n* with the longest representation in Roman numerals.

More Details

Here are the numbers up to 15 in Roman numerals:

```
RomanNumeral[Range[15]]
```

The longest of these are VIII and XIII.

What Your Function Should Do

Write a function called FindLongestRomanNumeral that takes as input a positive integer n and returns the first base-10 number less than or equal to n whose Roman numeral representation is the longest.

FindLongestRomanNumeral[100]

Out[2] = **88**

More Examples

FindLongestRomanNumeral[15]

Out[3] = **8**

FindLongestRomanNumeral[500]

Out[4] = 388

SCRATCH AREA

```
a = Table[Length[Characters[RomanNumeral[x]]], {x, 1, max, 1}];
    b = Max[a];
    Max[Position[a, b]]
Out[*]= 88
```

ENTER YOUR CODE HERE

```
In[*]:= FindLongestRomanNumeral[max_Integer?Positive] :=
   First[First[Position[
        Table [Length [Characters [RomanNumeral[x]]], \{x, 1, max, 1\}], \\ Max[
         Table[Length[Characters[RomanNumeral[x]]], {x, 1, max, 1}]]]]]
```

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