**Siena College’s 35th Annual High School Programming Contest**

| **Sponsored by** |  |
| --- | --- |

##### March 31, 2023

###### Green Problem #3: Calendar Dates

Background Information:

In the 2023 calendar year, we have 365 days spread over 12 months, from January 1st 2023, through December 31st 2023. Your job is to convert from a cardinal number representation of a date (1-01-2023) to a proper ordinal number representation. The rules for the proper suffixes for days are as follows:

* If the number ends in 1,
  + if the number is 1, 21, or 31 then append a “st” to it
  + if the number is 11 then append a “th” to it
* If the number ends in 2,
  + if the number is 2 or 22 then append an “nd” to it
  + if the number is 12 then append a “th” to it
* If the number ends in 3,
  + if the number is 3 or 23 then append a “rd” to it
  + if the number is 13 then append a “th” to it.
* If the number ends in 4, 5, 6, 7, 8, 9, or 0 append a “th” to it

Write a program that inputs two integers for a cardinal representation of a legitimate 2023 date and outputs the proper ordinal number representation of that date.

###### Programming Problem:

Input:  Two integers for a cardinal representation of a legitimate 2023 date, one integer per input line.

Output: The proper ordinal number representation of the date.

###### Example 1: Input: 1

12

Output: January 12th 2023

###### Example 2: Input: 1

22

Output: January 22nd 2023

###### Example 3: Input: 3

31

Output: March 31st 2023

###### Example 4: Input: 4

1

Output: April 1st 2023