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

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##### March 31, 2023

###### Green Problem #2: Thirty Days hath September or Go Solar

Background Information:

In 1902, Moses Cotsworth proposed a “Solar Calendar”. His calendar would divide the year into 13 months of 28 days each. For the thirteen months, he proposed the same names that we (and the Gregorian calendar) use but he called the 13th needed month Sol and placed it between June and July.

With this calendar every date is the same day of the week every year. For example, if you were born on a Wednesday, your birthday would always be on a Wednesday.

With 13 months of 28 days there is a total of 364 days. The 365th day of the year would be December 29th, the day after December 28th. For leap years, Cotsworth added a June 29th which would be between June 28th and Sol 1st.

Write a program that inputs an integer between 1 and 13 and outputs the corresponding month of the “Solar Calendar”

###### Programming Problem:

Input:  An integer between 1 and 13.

Output: The “Solar Calendar” month.

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

Output: January

###### Example 2: Input: 6

Output: June

###### Example 3: Input: 7

Output: Sol

###### Example 4: Input: 8

Output: July