Please put together a program that takes in a year from the user and tells them how many days February had in that year. (History buffs: let’s assume we’ve been using the Gregorian calendar forever, OK?)

* There are 28 days in February, unless it is a leap year.
* If it is a leap year, there are 29 days in February. Leap year criteria, from [TimeAndDate.com](https://www.timeanddate.com/date/leapyear.html):
  + The year can be evenly divided by 4;
  + If the year can be evenly divided by 100, it is NOT a leap year, **unless**;
  + The year is also evenly divisible by 400. Then it is a leap year.
* There was no year 0. If you want your program to accept years before 0, you can assume “-1” is “1 BCE” and “-20” is “20 BCE.” (Or you could just reject years less than 1, since it isn’t like we really had leap years Before Common Era anyway.)

**Test cases:** the years 2000 and 2400 have 29 days, while 1800, 1900, 2100, 2200, 2300 and 2500 have 28 days. 1924 had 29 days.

**Example output from three separate runs of the program:**

Welcome to the Leap Year Calculator! I will tell you how many days February had in any given year.

What year would you like me to check? 2000

The year 2000 had 29 days in February.

Welcome to the Leap Year Calculator! I will tell you how many days February had in any given year.

What year would you like me to check? 0

There was no year 0.

Welcome to the Leap Year Calculator! I will tell you how many days February had in any given year.

What year would you like me to check? 1900

The year 1900 had 28 days in February.