

HUMAN AGAINST MACHINE

A Century of Sundays

The 20th Century commenced on Tuesday, 1st January 1901 and ended on 31st December, 2000.

A leap year occurs whenever the year is divisible by 4, unless the year is also divisible by 100, in which case it is only a leap year if it is also divisible by 400.

How many Sundays occurred during the 20th Century?

Your tasks:

5 points: Correctly determine the number of Sundays that occurred during the 20th Century.

3 points: Identify and describe a second algorithm a person could use to determine the number of Sundays between any two dates

2 points: Identify and describe an algorithm a person could use to determine the number of Sundays between any two dates.

Hint available: Deduct 2 points if requested.