DSC 430: Python Programming
Assignment 0601: Palindrome Dates

A palindrome date is a date that is the same when read forwards and backwards, e.g., '02/02/2020' (ignoring forward-slashes). Write a program that identifies and saves to a file all the palindrome dates in the 21st century using the DD/MM/YYYY format. Do not use recursion. Do not use any built-in calendar-ish packages. To keep things simple, treat leap years as regular years.

Note the 21st century began on January 1, 2001 and ends on December 31, 2100.

Ensure to provide a sufficient amount of documentation/comments in the code. Also write answers to these in a **comment section at the end of the code file**:

- How did you iterate through the different dates?
- How did you test if a date was a palindrome date?
- Where you able to ignore entire months or even years without evaluating every date?

Submission: Submit the source file (.ipynb) and the exported html file (.html) to the D2L. Do not zip or archive the file. Your code must include comments at the top including your name, assignment number, and the honor statement, "I have not given or received any unauthorized assistance on this assignment." Also, each function must include a docstring.

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