Assignment Content

For this programming assignment you will be re-using portions of your code from the last assignment as a starting

point. You are to create a new DateFileTest class that uses the existing Date Class for the following:

Instead of bringing in dates from a user, you will be bringing in dates from a text file.

You should use the existing Date class to create date objects from file inputs

The data in the file is provided in alternating formats in order from MM/DD/YYYY to Month name, DD, YYYY (just

those two formats to simplify the input handling and verification). Spaces are used in the file as delimiters between

integers and strings in the date format. You will use the file provided here:

dates in multiple formats.txt

Your code is to handle exceptions for the following situations;

the file is not found or can't be opened, in which case the program informs the user and ends.

the month is not a valid month (between 1-12), using a try/catch block

the year is not a valid year (assume between 1800-2020 is valid, using a try/catch block)

the entry is not a valid month name (must start with a capital and be spelled correctly as a string)

If any of these exceptions occur, your program must disregard that specific date, output an error message to the

display, NOT write that specific date to the file, and continue to move on to process the rest of the data in the file

Your program will create a new text file and write dates out to that file. You will write out all 3 formats (with

appropriate / and , delimiters) to the file for each date read in from the file.

Your program files must include a program header that includes your name, course discussion section, and program

description. Well structured and commented code are expected. Your submission must include all program files,

output text file, and execution screenshots showing your messages from error handling. Submissions without all the

files will not receive a grade and no late submissions will be accepted.