

My project "DateApp" uses an Object Orientated Approach, by invoking class systems, constructors and methods to validate dates from text files and CMD requests. My DateApp class has a main method which utilizes all the other methods, both inside and outside the class, including: PrintDates and DateLists, to print results. My other class, DateHandler, uses overloaded constructors to parse dates data between classes. The constructors create many objects for the main method and the DateHandler to utilize in order to verify the pattern of dates entered matches that which is required. DateHandler includes many methods, which return different values/variables to the many method in DateApp, such as: getValidDate and getValidDateForFormat. Characteristics are employed in all of these objects to ensure validity of dates is acquired. Answer to 1C is also employed for the PrintDates method, which needs a SimpleDate argument (i.e. another method created under class Assignment 1) in order to calculate the most frequent day of the week. This concludes my Object Orientated Approach to my DateApp program.