Assignment 4

(Due in Week 9)

Download the file 'AAPL_Volume.txt', which contains the volume of traded Apple stocks during February and March 2021. The dates are in ascending order with their respective trade volumes.

Input:

Write a Python program that reads the data of the dates and stock volumes into two separate lists.

Output:

The program must display the dates having the maximum and minimum trading volume. In addition, the program must display the average trade volume for each month and shows the month that Apple has a higher trading volume.

Sample Output:

_____ *has the maximum trade volume of* _____.

_____ *has the minimum trade volume of* _____.

The average trade volume of February is _____

The average trade volume of March is _____

AAPL has higher trading volume in _____.

Coding requirements:

- The program must use lists, strings and built-in list functions to complete the task.
- The program should include user defined functions to modularize the code.
- The program must include exception handling to handle IOError exception.