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Program 3 pgm3acop3530ds - cop3530 Data Structures and Algorithms

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- Program must be named: yourLastNameFirstLetterOfYourFirstNamepgm2.java
  If your name is George Washington the program should be named:
                        WashingtonGpgm2.java

- Turn in the signed source code on paper, and email me the source code.

- Make sure the program is properly documented and aligned uniformally, looking professionally,
  I will take points off if it is not.

- Include the following header in every program:

/**********************************************************************
Author       : Your Name
Course       : COP 3530 Date, Time and place of class
Professor    : Michael Robinson
Program #    : Program Purpose/Description
               {A brief description of the program }
Due Date     : MM/DD/YYYY

Certification:
I hereby certify that this work is my own and none of it is the work of any other person.
  ..........{ your signature }..........

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        Purpose of this program: Implement chapter 5 && 6 ideas


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*  Use either the implementations shown in the Data Structures Book  *
*  or the Java api classes                                           *
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1 - Worth 4 points
    Implementation of Hashing
    - Download the data file located at :
      http://users.cis.fiu.edu/~mrobi002/downloads/dataSample/dataSample
    - Create a Hash data structure using the previous data, as follows:
    - Parse the all data using each field as the key
    - In the value colum keep track of how many times you find each unique word in the file
    - Sort the data in the Hash
    - Print the time it took to do the previous work.

2 - Worth 4 points
    Implementation of Maps
    - Download the data file located at :
      http://users.cis.fiu.edu/~mrobi002/downloads/dataSample/dataSample
    - Create a map data structure using the previous data, as follows:
    - Parse the all data using each field as the key
    - In the value colum keep track of how many times you find each unique word in the file
    - Print the time it took to do the previous work.
```