WEB MINING

HOMEWORK #1

Due Date 19-03-2020

Implement APriori algorithm in either Python or Java. Your program should read the data from a given text file where transactions are shown line by line. Item names in transactions are listed side by side and separated by comma.

You should create you report using a text editor. ZIP(RAR) your report and project into a file named as; your id+HW(for example 06233025HW3.rar)

You should include the following information in your report:

1- Your name, your student id, and homework number

2- Define the problem in your sentences

3- How did you solve the problem

4- What is the purpose of your program

5- What kind of data structures have you used to solve the problem

6- What are the names of your methods(with their signature) and what does it do(explain it in one or two sentences.)

7- Are there any bugs in your program.

8- How does your program works

9- Include a sample output.

You are required to do your homeworks by yourself. Cheating is strictly prohibited.