This document contains questions to help you reflect about the operations applied to the data during this assignment. You have to fill it in and submit it on Studium.				
TASK 1: warm up				
Number of records				
Number of attributes (excluding User and Query)				
TASK 2: frequent itemsets				
What is the most frequent item (i.e., single keyword)?				
In how many queries does it occur:				
Which support value corresponds to a support count of 100 records?				
How many frequent itemsets have you found with this min-support?				
What is the maximum size of your frequent itemsets?				
TASK 3: impact of the support parameter				
Number of frequent itemsets for some selected values of support:				
Mininum support Number of Frequent Itemsets				
·				
Which value of min-support leads to the discovery of about 150 itemsets?				
TASK 4: rule generation				
How many rules have you identified with min-confidence .8?				
Indicate a high-confidence rule $X \rightarrow Y$ where $Y \rightarrow X$ has lower confidence.				
\rightarrow				
Why is the confidence of Y -> X lower than the confidence of X -> Y?				

Submission sheet

Assignment II

TASK 5: impact of confidence

Number of rules for some selected values of minimum confidence:

Mininum confidence	Number of Rules	

TASK 6: rule interpreta	tion		
What are the top-3 interes	sting rules, and wh	at is their rank	w.r.t. confidence and lift?
RULE →		RANK (Conf	RANK (Lift)
$ \longrightarrow$			
What are the top-3 unexp	ected rules, and w	hat is their ranl	w.r.t. confidence and lift?
RULE →		RANK (Conf	RANK (Lift)