**Data mining**

**Lab 6**

**Non-derivable itemsets (NDI)**

Your goal here is to write a program to compute whether an itemset is derivable or not. The program should take as input the following two files:

* FILE1: A list of itemsets with their support values (one per line). See the file: **itemsets.txt** (the format is "itemset - support"; one per line)
* FILE2: A list of itemsets (one per line), whose support bounds have to be derived. See the file: **ndi.txt**

Your program should output for each itemset in FILE2 the following info:  
itemset: [l,u] derivable/non-derivable  
where l and u are the lower and upper-bounds on the support.