

Lab 8

The goal of the lab is to, again, read the file *queue.txt* into a Priority Queue. This time there are 10 PEEK instructions among all the INSERTs and REMOVEs. You have to print out the results of those PEEK operations. Your output should therefore consist of 10 words.

The priority of ordering should be based on the number of vowels in a word – the more vowels it has, the closer it should be to the front of the priority queue. If two words have the same number of vowels, the one which comes earlier in the dictionary should be closer to the front of the Priority Queue.

NOTE FOR FRIDAY: Limit the size of the Priority Queue to 100 slots