

Home Work # 2, Due: February 27,2008

1. Implement an algorithm for Exercise 6.5-8 as explained in the lecture.
Assume that the input is stored in a file, with each sorted list separated by semi-colon. You will be provided with a heap class with all the standard operations.

A sample input:

2 4 8 9 11; 3 8 21 36; 1 3 5; 36; 3 14 91

Output:

91 36 36 21 14 11 9 8 8 5 4 3 3 2 1

2. Problem 6.3