CSC406Assignment#5S15 Due on or before April 29, 2015 raj

Implement any two of the following algorithms:

1. Simplex method for linear programming. Implement only the ideas that we discussed. Read the objective function and the constraints from a file. Ouput to a file each simplex table and its associated solution. no negative test case needed.
2. Construct Huffman tree for a text. Read the frequencies of chars from a file. Must use java’s priority queue. Output the tree to a file. No negative test case required.
3. Red-black tree with search and insert operations only. Insert must call search. Read keys from a file. Output the results to a file. Both search and insert must be tested on a key that is in the tree and on a key that is not in the tree.