CENG 311 PROGRAMMING ASSIGNMENT 1 REPORT

Can ÇİFTÇİ
270201080

In this assignment, we are try to implement priority queue in C programming language. First, program reads 2^26 integers from text file and assign it to the an integer array. Then insert this data into another array with array based implementation of priority queue. After that, converting this array to the nodes with data and link between them. And finally, traverse over it.

Here example code execution snippet in C and simple test scenario:

Here example code execution snippet in Java :

References

CENG311_Prog_Ass_1.pdf
https://www.geeksforgeeks.org/level-order-tree-traversal/

[Basics of File Handling in C - GeeksforGeeks](#)