

DSA Lab Assignment 13 (Heap Tree)

Problem Statement (Heap Sort):

- A. Write a C Program to Create a Heap Tree using Arrays and perform the following heap operations.
- a. Insert an element into the Heap and re-heap the tree to put the element in the correct position.
 - b. Delete the root element from the Heap Tree and replace the deleted element by the last element L and shift the element L to appropriate position on the tree.

Lab File Writing:

1. Algorithm to insert element into the heap and move to appropriate position in the heap.
2. Algorithm to Delete root element from the heap tree, replace it with the last node in the heap and re-heap the tree.
3. Conclusion