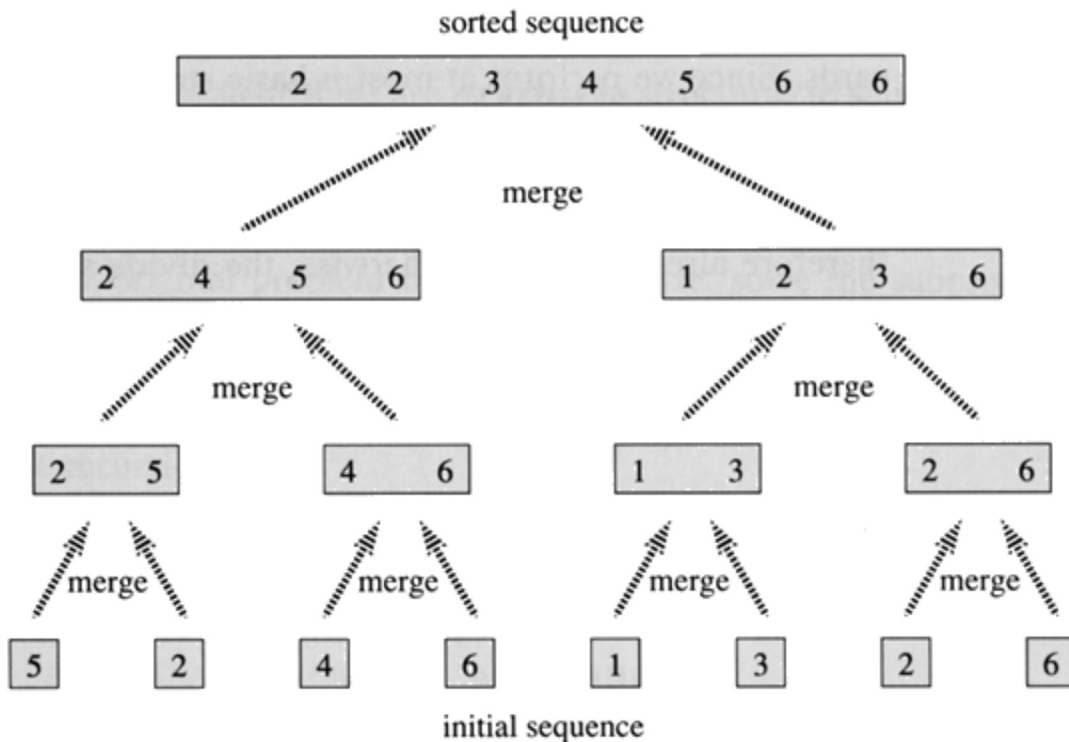


LESSON 46 NOTES

THE MergeSort ALGORITHM

- ***Given a list of numbers***

- 1) Divide list in half***
- 2) Repeat step 1 until a list with 1 element remains***
- 3) Recursively sort each “half-list”***
 - a. Merge each pair of “half-lists”, maintaining the sorted order (using a temporary array)***



Link to animation of MergeSort algorithm:

<http://www.cse.iitk.ac.in/users/dsrkg/cs210/applets/sortingII/mergeSort/mergeSort.html>