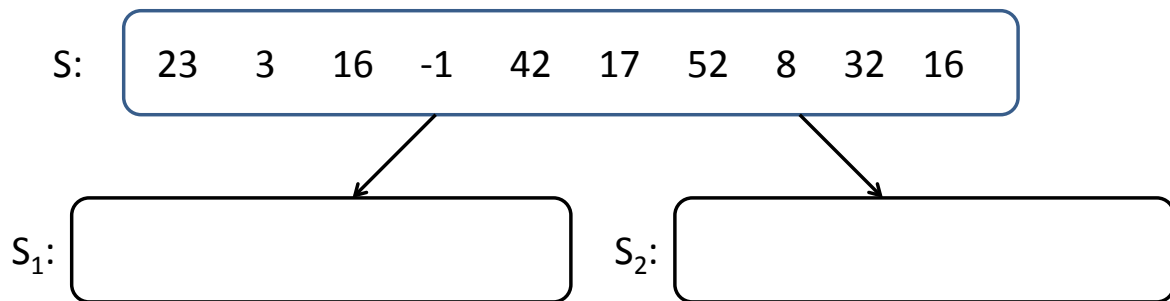


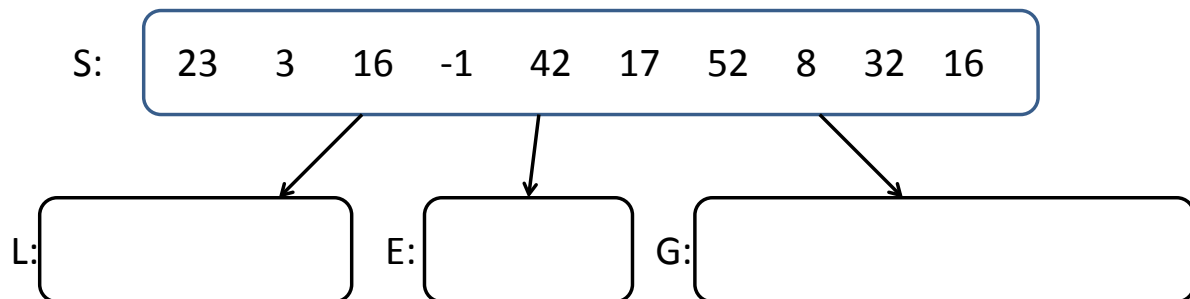
Quiz 7

Instructor: Sandy Irani

1. Fill in the first level of the recursion tree for Mergesort in the figure below:



2. Fill in the first level of the recursion tree for Quicksort in the figure below. Use the last element in the list as the pivot.



3. The following tree is not an AVL tree. Indicate how it violates the AVL property by shading in the node or nodes in the tree below which are not height-balanced.

