The necursive function gok-not taken a list of integers data. It returns a norted list of integers. If the length of the input list in 1, return the 1:nt. Otherwise, aboose a random pivot element from the input list. Divide the input list into three sublists: elements low than the pivol, elements equal to the pivot, and elements greater than the pivot. Recursively call ack not on the sublists of elements len than and greater than the pirot, concatenate the sorted sublinta with the pivot element in between. The time complexity in O(nlogh) for this algorithm. for this algorithm

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