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91. quick sort
PROGRAM:
def quick_sort(arr):
  if len(arr) <= 1:
    return arr
  else:
    pivot = arr[0]
    less_than_pivot = [x for x in arr[1:] if x <= pivot]</pre>
    greater_than_pivot = [x for x in arr[1:] if x > pivot]
    return quick_sort(less_than_pivot) + [pivot] + quick_sort(greater_than_pivot)
# Example
arr = [29, 10, 14, 37, 13]
sorted_arr = quick_sort(arr)
print(sorted_arr)
OUTPUT:
 [10, 13, 14, 29, 37]
 === Code Execution Successful ===
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TIME COMPLEXITY:O(NLOGN)