15. Sorting Algorithms :: Quick Sort :: Partitioning Example 1

Let's partition *list* by choosing the first element 4 as the pivot:

$list = \{4, 2, 7, 3, 5, 13, 11, 8, 6, 2\}$

Therefore: $list = \{2, 2, 3, 7, 5, 13, 11, 8, 6, 4\}$ $list_{\text{L}} = \{2, 2, 3\}$ $list_{\text{R}} = \{7, 5, 13, 11, 8, 6, 4\}$