Randomized QuickSox+ > Pivat Element - Randomly Jandom QuickSOOF (QTE, P, Q): => WOTS, care Scenario random-pivot = random (arr, p, q) swap (arr[rankm-pivot), arr(p)) return partition (arr, p,q)

Owick SO8+

Care

Dorst care - (n²)

Randomized QuickSort

Best care-O(nlogn) Best care-O(nlogn)

Average - O(nlogn) Average care - O(nlogn)

worst case - (n')

chance is quite less