

wors case: Randomized-Quicksort will return the index Oan (n-1) with n being the length of the array. At each time, one recurrism callis made resulting in G(n) calls to random number generation. Best case: Randomized - Quickment will return the pivat resulting in dividing the array into 2 equals-longht subranays.

There current tree will be log (n) levels deep. -> double the number of recensions. -> giving 2 togh - 1 recurrians.

-> 2 togh = N. -> (Ch) calls to the random number generation.