

	Naive Bubble	Optimized bubble	Quicksort
Array size 10	0.000005	0.000006	0.000004
Array size 100	0.000163	0.000082	0.000015
Array size 1000	0.008239	0.007851	0.000138
Array size 10000	0.901120	0.817453	0.003164
Array size 100000	81.169781	81.578312	0.031132
Array size 1000000	NA	NA	0.273225
Array size 10000000	NA	NA	3.393007
Array size 100000000	NA	NA	38.964455

1 ans. According to my results naïve bubble sort was the slowest and I think maybe because of time complexity which is the worst case .

2 ans. According to my results quicksort algorithm was pretty fast and I think its because it accesses the elements at the very beginning and when the element is located and loaded and when we try to access the other element it is already there so it is pretty fast.

3 ans. Maybe because it's the first algorithm found and is widely used. And it is fast as well but in good case not in the worst case.