

Linear searching takes longer the larger the array is as expected when iterating through an array. I created three arrays, 10 elements, 100 elements and 1000 elements respectively. These ranged from 262ms-499ms to run. When it comes to binary searching something strange occurred, on average it was faster only taking 73ms to run an array of 10 elements, with an array of 100 it went up to 130ms but drastically dropped to only take 64ms.