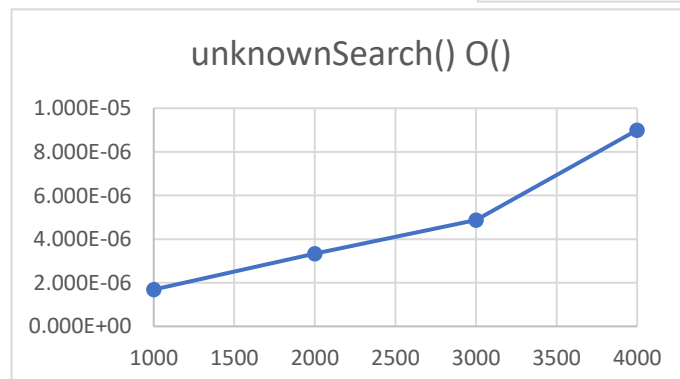
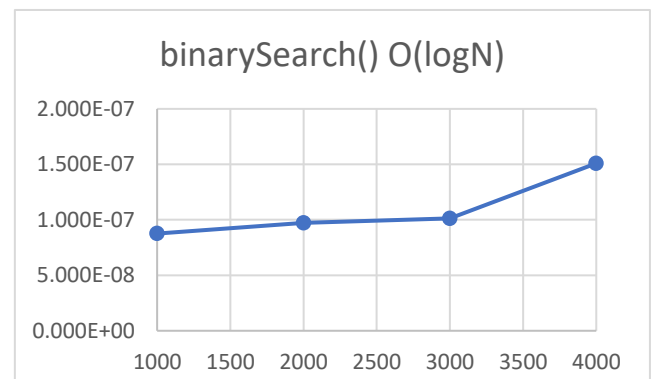
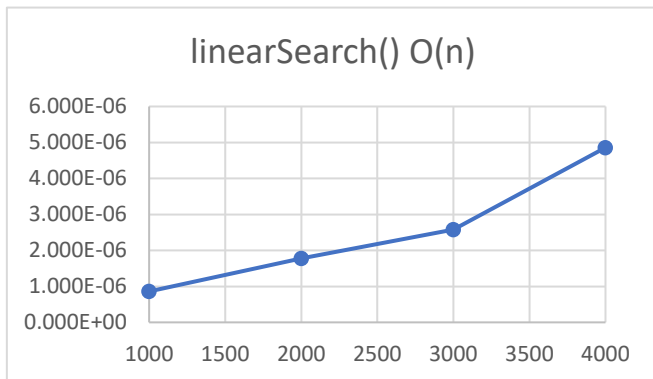
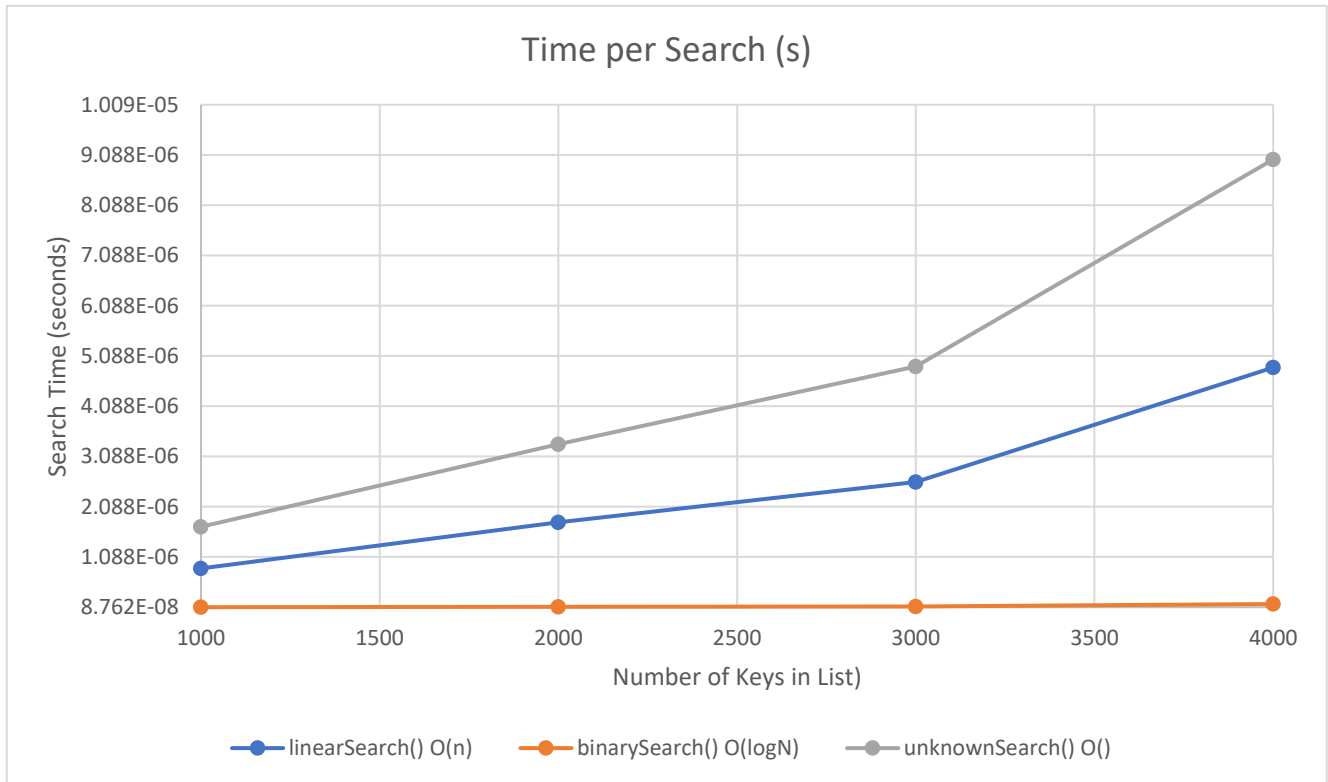


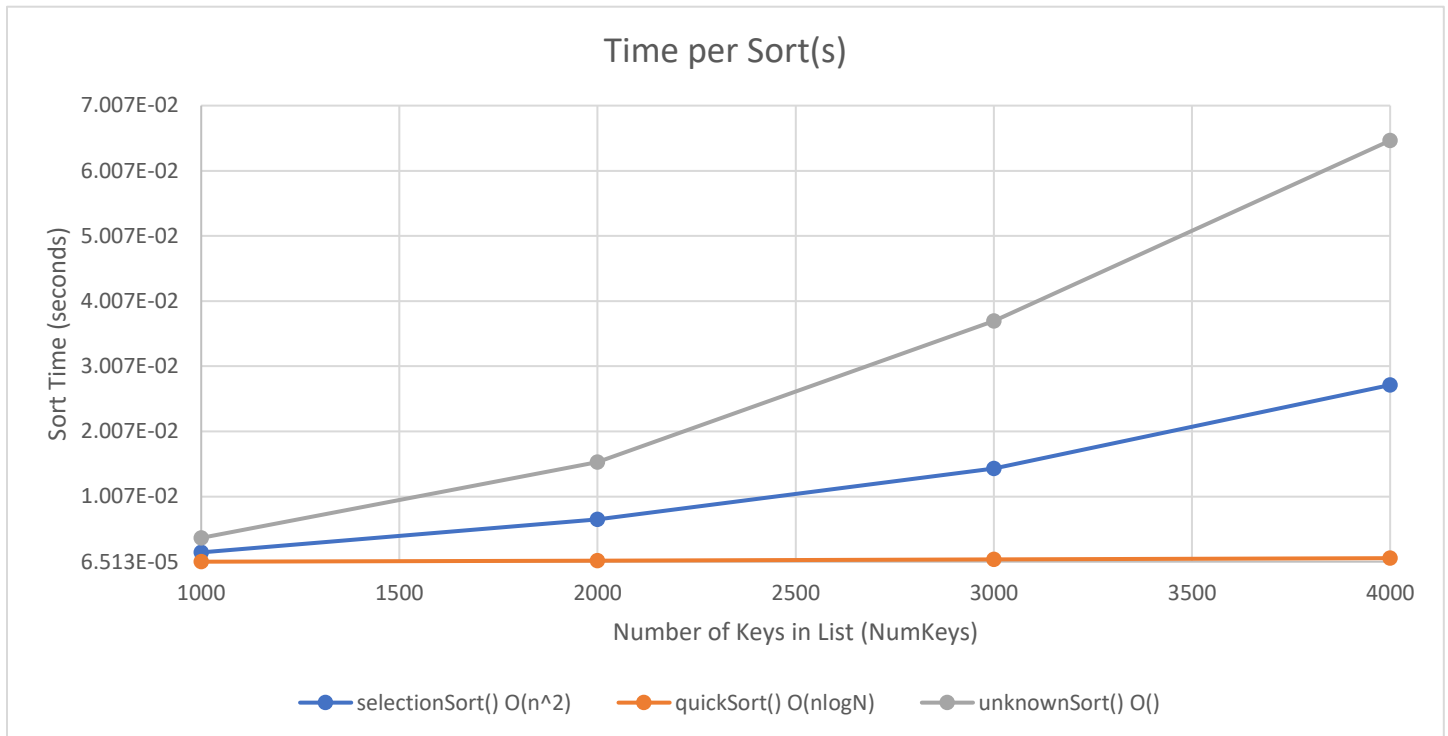
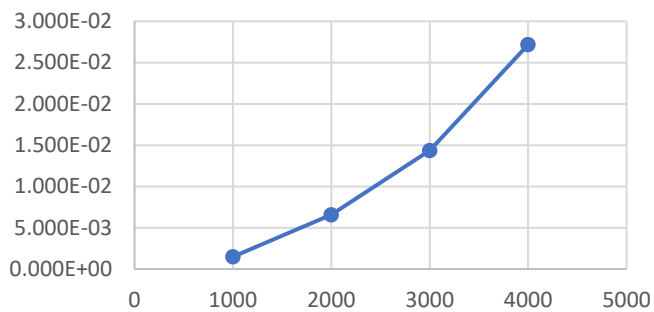
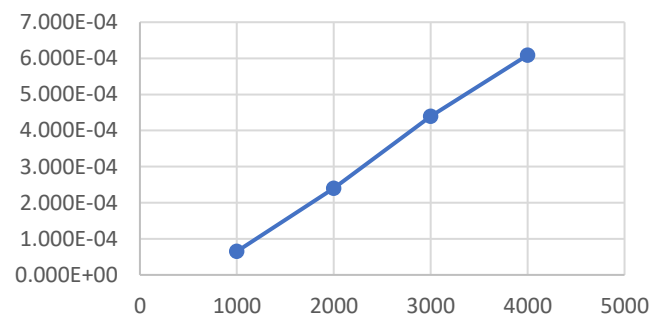
Time per Search

Routine	1000	2000	3000	4000
linearSearch() $O(n)$	8.600E-07	1.779E-06	2.583E-06	4.857E-06
binarySearch() $O(\log N)$	8.762E-08	9.714E-08	1.012E-07	1.509E-07
unknownSearch() $O()$	1.689E-06	3.329E-06	4.877E-06	8.999E-06



Time per Sort

Routine	1000	2000	3000	4000
selectionSort() $O(n^2)$	1.490E-03	6.565E-03	1.435E-02	2.718E-02
quickSort() $O(n\log N)$	6.513E-05	2.402E-04	4.389E-04	6.088E-04
unknownSort() $O()$	3.716E-03	1.534E-02	3.699E-02	6.470E-02

**selectionSort() $O(n^2)$** **quickSort() $O(n\log N)$** **unknownSort() $O()$** 