

CSE | 204

Data Structures

Sessional

SELECTION SORT
&
INSERTION SORT

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MACHINE CONFIGURATION

Processor: Intel (R) Core (TM) i5-8250U CPU @ 1.60GHz

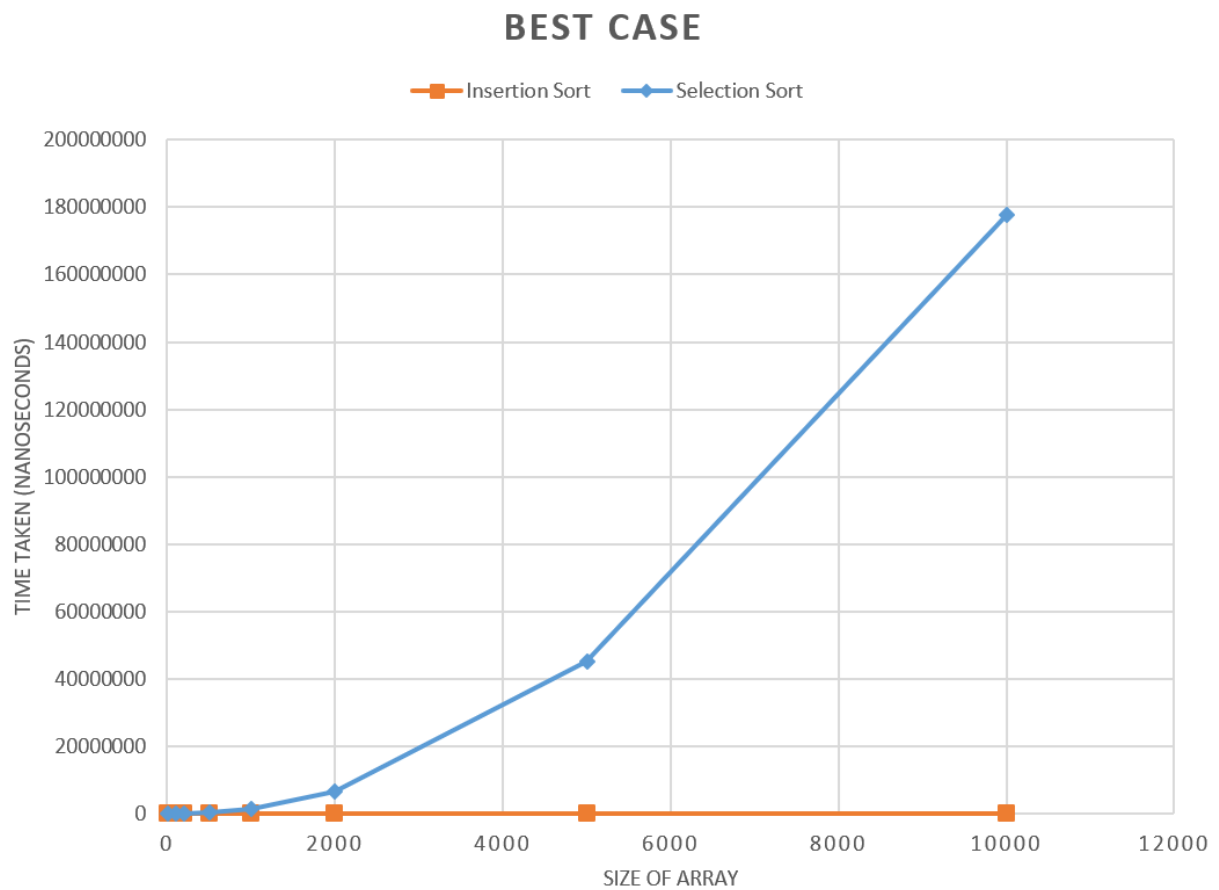
RAM: 8GB DDR4

Operating System: Windows 10 64-bit

TIME COMPLEXITY

Type	Insertion sort	Selection sort
Best Case	$O(n)$	$O(n^2)$
Average Case	$O(n^2)$	$O(n^2)$
Worst Case	$O(n^2)$	$O(n^2)$

BEST CASE COMPLEXITY



WORST CASE COMPLEXITY



AVERAGE CASE COMPLEXITY

