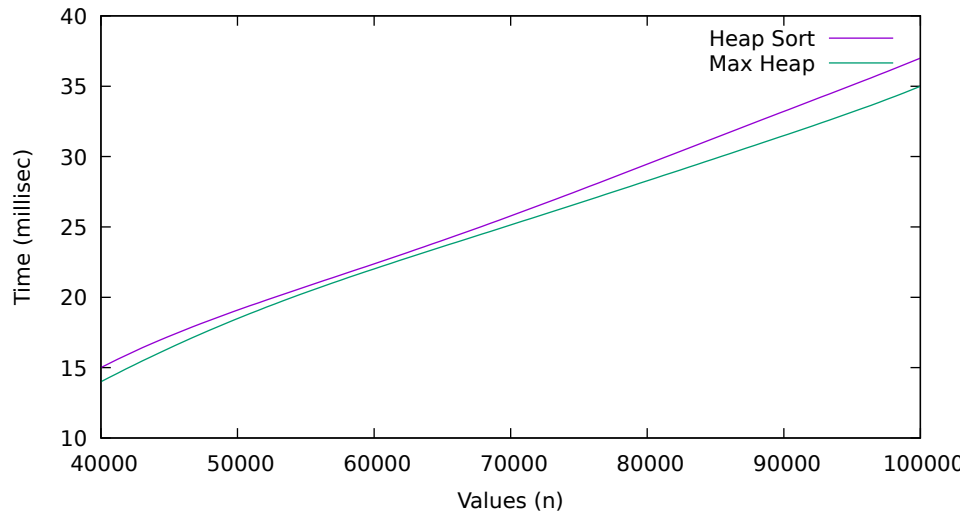


Heap Sort



<i>Value (n)</i>	<i>Heap Sort</i>	<i>Max Heap Sort</i>
40000	15	14
50000	20	19
60000	22	23
70000	25	26
80000	30	29
90000	33	31
100000	37	35

As we can see from the graph the second implementation of heap sort is somehow faster than the first one. This happens because in most of the cases we do not have to switch as we write / store in the array immediately.