

Tema 1

Sortari

Specificatii tehnice ale laptop-ului pe care am rulat:

Procesor: 1,8 GHz Dual-Core Intel Core i5

Memorie RAM: 8 GB 1600 MHz DDR3

Merge Sort Execution Time-1

N\Max	10	100	1.000	10.000	100.000	1.000.000	10.000.000	100.000.000
10	0s	0s	0s	0s	0s	0s	0s	0s
100	0.00002s	0.00003s	0.00007s	0.00003s	0.00003s	0.00002s	0.00003s	0.00003s
1.000	0.00052s	0.00053s	0.00054s	0.00050s	0.00044s	0.00043s	0.00051s	0.00043s
10.000	0.00494s	0.00545s	0.00482s	0.00407s	0.00560s	0.00482s	0.00795s	0.00445s
100.000	0.04314s	0.04327s	0.04589s	0.04482s	0.04707s	0.04521s	0.04586s	0.04679s
1.000.000	0.39541s	0.43312s	0.46115s	0.45643s	0.47156s	0.48036s	0.48464s	0.48298s
10.000.000	4.43686s	4.65633s	4.86610s	5.04595s	5.23215s	5.40944s	5.46633s	5.47659s
100.000.000	49.63239s	52.08784s	58.10210s	58.96140s	57.96901s	59.85952s	61.66122s	69.72022s