10	0.024		10	0.024
100	0.03		100	0.031
1000	0.11		1000	0.087
10000	0.965		10000	0.683
100000	8.954		100000	9.214
mergesort			insertionsort	

20	0.033		16	0.028
21	0.027		17	0.027
22	0.028		18	0.027
23	0.025		19	0.026
24	0.023		20	0.026
25	0.026		21	0.027
26	0.027		22	0.028
27	0.029		23	0.029
mergesort no cutoff			24	0.031
			insertionsort cutoff	

merge sort

insertion sort

0.00

20 22 24 26

mergesort no cutoff

0.00

16 18 20 22 24

insertionsort cutoff