











The merge sort on 10 keys took: 17300 ns.

The ascending merge sort on 10 keys took: 30400 ns.

The descending merge sort on 10 keys took: 6100 ns.

The insertion sort on 10 keys took: 8300 ns.

The ascending insertion sort on 10 keys took: 2100 ns. The descending insertion sort on 10 keys took: 12700 ns.

The merge sort on 100 keys took: 108000 ns.

The ascending merge sort on 100 keys took: 142800

ns.

The descending merge sort on 100 keys took: 89800

ns.

The insertion sort on 100 keys took: 101300 ns. The ascending insertion sort on 100 keys took: 8000 ns. The descending insertion sort on 100 keys took: 214900 ns.

The merge sort on 1000 keys took: 1187200 ns.
The ascending merge sort on 1000 keys took: 332500 ns.
The descending merge sort on 1000 keys took: 249700

ns.

The insertion sort on 1000 keys took: 3753700 ns. The ascending insertion sort on 1000 keys took: 17200 ns. The descending insertion sort on 1000 keys took: 8544600 ns.

The insertion sort on 10000 keys took: 41288700 ns. The ascending insertion sort on 10000 keys took: 182100 ns. The descending insertion sort on 10000 keys took: 95091300 ns.

The merge sort on 100000 keys took: 30670600 ns. The ascending merge sort on 100000 keys took: 14723100 ns. The descending merge sort on 100000 keys took: 10036800 ns.

The insertion sort on 100000 keys took: 6266065000 ns. The ascending insertion sort on 100000 keys took: 1906700 ns. The descending insertion sort on 100000 keys took: 9391826600 ns.

The merge sort on 1000000 keys took: 309763400 ns. The ascending merge sort on 1000000 keys took: 262191500 ns. The descending merge sort on 1000000 keys took: 275359600 ns.

The insertion sort on 1000000 keys took: 2447627430800 ns. The ascending insertion sort on 1000000 keys took: 13504300 ns. The descending insertion sort on 1000000 keys took: 2896176903500 ns.