Douglas Calmes

Algorithm Output

./insertion 10kRandom.txt

10000, 25053546, 671234

./quicksort 10kRandom.txt

10000, 157476, 6187

./heapsort 10kRandom.txt

10000, 387519, 16903

./insertion 10kSorted.txt

10000, 10000, 358

./quicksort 10kSorted.txt

10000, 49995000, 2293777

./heapsort 10kSorted.txt

10000, 410013, 17742

./insertion 10kIdentical.txt

10000, 10000, 359

./quicksort 10kIdentical.txt

10000, 49995000, 2300713

./heapsort 10kIdentical.txt

10000, 44997, 1233

./insertion 10kReverse.txt

10000, 50004942, 1345135

./quicksort 10kReverse.txt

10000, 49760234, 1744855

./heapsort 10kReverse.txt

10000, 365091, 16048

./insertion 20kRandom.txt

20000, 99247616, 2672855

./quicksort 20kRandom.txt

20000, 349846, 13466

./heapsort 20kRandom.txt

20000, 835104, 37724

./insertion 20kSorted.txt

20000, 20000, 719

./quicksort 20kSorted.txt

20000, 199990000, 9157142

./heapsort 20kSorted.txt

20000, 879765, 39486

./insertion 20kIdentical.txt

20000, 20000, 727

./quicksort 20kIdentical.txt

20000, 199990000, 9175437

./heapsort 20kIdentical.txt

20000, 89997, 2530

./insertion 20kReverse.txt

20000, 200009799, 5426146

./quicksort 20kReverse.txt

20000, 198023012, 6896218

./heapsort 20kReverse.txt

20000, 793026, 36112

./insertion 40kRandom.txt

40000, 400184216, 10955821

./quicksort 40kRandom.txt

40000, 773847, 30149

./heapsort 40kRandom.txt

40000, 1790604, 83355

./insertion 40kSorted.txt

40000, 40000, 1441

./quicksort 40kSorted.txt

40000, 799980000, 36999232

./heapsort 40kSorted.txt

40000, 1876452, 86276

./insertion 40kIdentical.txt

40000, 40000, 1446

./quicksort 40kIdentical.txt

40000, 799980000, 37037182

./heapsort 40kIdentical.txt

40000, 179997, 5016

./insertion 40kReverse.txt

40000, 800019189, 22004262

./quicksort 40kReverse.txt

40000, 784561504, 27501008

./heapsort 40kReverse.txt

40000, 1703001, 79849

./insertion 80kRandom.txt

80000, 1600809475, 44011554

./quicksort 80kRandom.txt

80000, 1637365, 63467

./heapsort 80kRandom.txt

80000, 3820767, 182487

./insertion 80kSorted.txt

80000, 80000, 3001

./quicksort 80kSorted.txt

80000, -1095007296, 148909412

./heapsort 80kSorted.txt

80000, 3994506, 188256

./insertion 80kIdentical.txt

80000, 80000, 3008

./quicksort 80kIdentical.txt

80000, -1095007296, 149015782

./heapsort 80kIdentical.txt

80000, 359997, 10224

./insertion 80kReverse.txt

80000, -1094930538, 87823449

./quicksort 80kReverse.txt

80000, -1219293157, 108606903

./heapsort 80kReverse.txt

80000, 3642150, 175035