

Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: cAlgorithmType
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,093124		0,02831		us/op	10		random	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,050722		0,014607		us/op	10		random	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,040157		0,005703		us/op	10		random	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,227951		0,051216		us/op	10		random	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,058213		0,006456		us/op	10		random	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,073011		0,005404		us/op	10		random	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,173787		0,017048		us/op	10		random	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,080983		0,008435		us/op	10		random	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,071521		0,019455		us/op	10		random	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,046124		0,005371		us/op	10		sorted	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,020853		0,005415		us/op	10		sorted	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,022135		0,007817		us/op	10		sorted	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,209425		0,053565		us/op	10		sorted	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,069058		0,003215		us/op	10		sorted	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,067335		0,008225		us/op	10		sorted	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,162544		0,005883		us/op	10		sorted	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,089362		0,003574		us/op	10		sorted	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,072451		0,016593		us/op	10		sorted	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,081706		0,002292		us/op	10		reversed	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,053304		0,005073		us/op	10		reversed	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,047864		0,003522		us/op	10		reversed	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,225764		0,056372		us/op	10		reversed	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,066861		0,013825		us/op	10		reversed	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,077514		0,022254		us/op	10		reversed	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,192851		0,040165		us/op	10		reversed	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,083772		0,008999		us/op	10		reversed	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,077552		0,031788		us/op	10		reversed	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,065525		0,011173		us/op	10		sorted_with_random_end	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,055402		0,006338		us/op	10		sorted_with_random_end	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,027413		0,004799		us/op	10		sorted_with_random_end	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,228213		0,051546		us/op	10		sorted_with_random_end	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,067438		0,012754		us/op	10		sorted_with_random_end	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,063467		0,007728		us/op	10		sorted_with_random_end	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,153538		0,008101		us/op	10		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,086142		0,008869		us/op	10		sorted_with_random_end	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,078013		0,024796		us/op	10		sorted_with_random_end	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,058631		0,0052		us/op	10		sorted_with_random_mid	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,041286		0,007054		us/op	10		sorted_with_random_mid	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,027178		0,005851		us/op	10		sorted_with_random_mid	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,224789		0,058528		us/op	10		sorted_with_random_mid	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,088708		0,006377		us/op	10		sorted_with_random_mid	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,068955		0,00773		us/op	10		sorted_with_random_mid	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,154897		0,006947		us/op	10		sorted_with_random_mid	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,091742		0,012164		us/op	10		sorted_with_random_mid	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,073829		0,018332		us/op	10		sorted_with_random_mid	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,047757		0,006996		us/op	10		sorted_with_random_start	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,021543		0,005587		us/op	10		sorted_with_random_start	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,02206		0,006609		us/op	10		sorted_with_random_start	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,213637		0,057474		us/op	10		sorted_with_random_start	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,070533		0,003768		us/op	10		sorted_with_random_start	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,078809		0,01896		us/op	10		sorted_with_random_start	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,177304		0,03241		us/op	10		sorted_with_random_start	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,085787		0,005391		us/op	10		sorted_with_random_start	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,069264		0,014375		us/op	10		sorted_with_random_start	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,073085		0,010042		us/op	10		sorted_with_random_end	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,045941		0,006424		us/op	10		sorted_with_random_end	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,033667		0,007184		us/op	10		sorted_with_random_end	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,227155		0,049043		us/op	10		sorted_with_random_end	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,068322		0,005445		us/op	10		sorted_with_random_end	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,07624		0,003863		us/op	10		sorted_with_random_end	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,171133		0,008837		us/op	10		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,077084		0,004775		us/op	10		sorted_with_random_end	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	15		0,068443		0,014627		us/op	10		sorted_with_random_end	CountingSort	

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm
10	random	0,040157	InsertionSort	0,227951	MergeSort
10	sorted	0,020853	BubbleSort	0,209425	MergeSort
10	reversed	0,047864	InsertionSort	0,225764	MergeSort
10	sorted_with_random_end_1	0,027413	InsertionSort	0,228213	MergeSort
10	sorted_with_random_mid_1	0,027178	InsertionSort	0,224789	MergeSort
10	sorted_with_random_start_1	0,021543	BubbleSort	0,213637	MergeSort
10	sorted_with_random_end_half	0,033667	InsertionSort	0,227155	MergeSort
10	sorted_with_random_mid_half	0,029467	InsertionSort	0,219373	MergeSort
10	sorted_with_random_start_half	0,03266	InsertionSort	0,232062	MergeSort
100	random	0,37839	CountingSort	4,56402	BubbleSort
100	sorted	0,08871	BubbleSort	2,669149	QuickSort_RandomPivot
100	reversed	0,457556	CountingSort	7,325776	SelectionSort
100	sorted_with_shift_size/100->5	0,412116	InsertionSort	3,609557	BubbleSort
100	sorted_with_shift_size/100->99	0,258199	InsertionSort	4,538865	BubbleSort
100	sorted_with_random_end_1	0,232709	InsertionSort	4,582504	BubbleSort
100	sorted_with_random_mid_1	0,183969	InsertionSort	5,282541	QuickSort_HighestPivot
100	sorted_with_random_start_1	0,081187	BubbleSort	2,635637	QuickSort_RandomPivot
100	sorted_with_random_end_half	0,381275	CountingSort	4,6341	BubbleSort
100	sorted_with_random_mid_half	0,410905	CountingSort	3,496397	SelectionSort
100	sorted_with_random_start_half	0,417845	CountingSort	4,842628	QuickSort_HighestPivot
1_000	random	4,184691	CountingSort	546,139444	BubbleSort
1_000	sorted	0,848423	BubbleSort	180,629518	QuickSort_HighestPivot
1_000	reversed	4,925988	CountingSort	798,907623	SelectionSort
1_000	sorted_with_shift_size/100->5	2,784453	InsertionSort	315,713515	QuickSort_HighestPivot
1_000	sorted_with_shift_size/100->99	4,904682	CountingSort	284,857112	BubbleSort
1_000	sorted_with_random_end_1	2,901651	InsertionSort	299,502851	BubbleSort
1_000	sorted_with_random_mid_1	2,317054	InsertionSort	456,245795	QuickSort_HighestPivot
1_000	sorted_with_random_start_1	0,849002	BubbleSort	186,883253	QuickSort_HighestPivot
1_000	sorted_with_random_end_half	3,910628	CountingSort	424,902172	BubbleSort
1_000	sorted_with_random_mid_half	4,609396	CountingSort	380,828708	BubbleSort
1_000	sorted_with_random_start_half	4,831473	CountingSort	398,703001	QuickSort_HighestPivot
100_000	random	774,493054	CountingSort	11204,15556	MergeSort
100_000	sorted	517,979614	CountingSort	7402,845278	HeapSort
100_000	reversed	525,879544	CountingSort	7111,513148	HeapSort
100_000	sorted_with_shift_size/100->5	528,160749	CountingSort	7251,332222	HeapSort
100_000	sorted_with_shift_size/100->99	524,148172	CountingSort	7176,786389	HeapSort
100_000	sorted_with_random_end_1	517,884248	CountingSort	7142,925093	HeapSort
100_000	sorted_with_random_mid_1	524,816093	CountingSort	104596,78	QuickSort_MedianPivot
100_000	sorted_with_random_start_1	532,95759	CountingSort	7202,771944	HeapSort
100_000	sorted_with_random_end_half	578,248393	CountingSort	9795,192063	HeapSort
100_000	sorted_with_random_mid_half	588,599485	CountingSort	9010,390079	HeapSort
100_000	sorted_with_random_start_half	586,57821	CountingSort	8556,030119	HeapSort
1_000_000	random	18383,61556	CountingSort	143409,74	HeapSort
1_000_000	sorted	5839,692717	CountingSort	79246,26667	HeapSort
1_000_000	reversed	5683,25413	CountingSort	76889,51333	HeapSort
1_000_000	sorted_with_shift_size/100->5	5634,279903	CountingSort	85279,68667	HeapSort
1_000_000	sorted_with_shift_size/100->99	5664,74678	CountingSort	86917,81333	HeapSort
1_000_000	sorted_with_random_end_1	5755,554124	CountingSort	85435,63333	HeapSort
1_000_000	sorted_with_random_mid_1	5559,461845	CountingSort	84310,98667	HeapSort
1_000_000	sorted_with_random_start_1	5658,431377	CountingSort	85045,66	HeapSort
1_000_000	sorted_with_random_end_half	7939,241389	CountingSort	137204,9667	HeapSort
1_000_000	sorted_with_random_mid_half	7931,486005	CountingSort	117280,88	HeapSort
1_000_000	sorted_with_random_start_half	7947,625	CountingSort	118051,0267	HeapSort

Algorithms	As Best	As Worst
SelectionSort	0	3
BubbleSort	6	10
InsertionSort	13	0
MergeSort	0	7
QuickSort_High	0	7
QuickSort_Medi	0	1
QuickSort_Rand	0	2
HeapSort	0	20
CountingSort	33	0

Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: AlgorithmType
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.059433		0.007537		us/op		10	sorted_with_random_mid	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.038293		0.006583		us/op		10	sorted_with_random_mid	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.029467		0.007475		us/op		10	sorted_with_random_mid	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.219373		0.058821		us/op		10	sorted_with_random_mid	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.080479		0.006088		us/op		10	sorted_with_random_mid	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.073783		0.003722		us/op		10	sorted_with_random_mid	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.171725		0.059967		us/op		10	sorted_with_random_mid	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.081253		0.004528		us/op		10	sorted_with_random_mid	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.073303		0.01781		us/op		10	sorted_with_random_mid	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.062504		0.005209		us/op		10	sorted_with_random_start	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.035079		0.004968		us/op		10	sorted_with_random_start	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.03266		0.005209		us/op		10	sorted_with_random_start	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.232062		0.059246		us/op		10	sorted_with_random_start	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.08989		0.004483		us/op		10	sorted_with_random_start	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.068387		0.005699		us/op		10	sorted_with_random_start	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.174263		0.006757		us/op		10	sorted_with_random_start	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.090013		0.011388		us/op		10	sorted_with_random_start	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.071829		0.01812		us/op		10	sorted_with_random_start	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.441517		0.428636		us/op		100	random	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		4.56402		1.711591		us/op		100	random	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.360262		0.086341		us/op		100	random	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.0341		0.671514		us/op		100	random	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.08552		0.067343		us/op		100	random	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.921781		0.022648		us/op		100	random	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.844649		0.120239		us/op		100	random	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.658336		0.024334		us/op		100	random	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.37839		0.119713		us/op		100	random	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.270798		0.088456		us/op		100	sorted	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.08871		0.046067		us/op		100	sorted	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.093869		0.037584		us/op		100	sorted	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.352634		0.603297		us/op		100	sorted	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.110799		0.053314		us/op		100	sorted	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.844147		0.02198		us/op		100	sorted	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.669149		0.085799		us/op		100	sorted	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.697429		0.080329		us/op		100	sorted	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.453401		0.111047		us/op		100	sorted	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		7.325776		0.086986		us/op		100	reversed	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		5.134397		1.915061		us/op		100	reversed	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.594594		1.606854		us/op		100	reversed	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.788944		0.685672		us/op		100	reversed	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.628901		0.229254		us/op		100	reversed	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.026064		0.05122		us/op		100	reversed	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.996193		0.099583		us/op		100	reversed	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.457051		0.0504		us/op		100	reversed	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.457556		0.126473		us/op		100	reversed	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.366974		0.533359		us/op		100	sorted_with_shift_size/10	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.609557		1.780251		us/op		100	sorted_with_shift_size/10	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.412116		0.028832		us/op		100	sorted_with_shift_size/10	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.818432		0.676591		us/op		100	sorted_with_shift_size/10	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.985053		0.045386		us/op		100	sorted_with_shift_size/10	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.893767		0.052229		us/op		100	sorted_with_shift_size/10	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.87914		0.077098		us/op		100	sorted_with_shift_size/10	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.669033		0.080285		us/op		100	sorted_with_shift_size/10	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.447732		0.111107		us/op		100	sorted_with_shift_size/10	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		3.394379		0.615498		us/op		100	sorted_with_shift_size/10	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		4.538865		2.466635		us/op		100	sorted_with_shift_size/10	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.258199		0.035891		us/op		100	sorted_with_shift_size/10	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.753482		0.637512		us/op		100	sorted_with_shift_size/10	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.678249		0.080897		us/op		100	sorted_with_shift_size/10	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.277385		0.025547		us/op		100	sorted_with_shift_size/10	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		2.554826		0.077198		us/op		100	sorted_with_shift_size/10	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		1.697301		0.056005		us/op		100	sorted_with_shift_size/10	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15		0.483959		0.130282		us/op		100	sorted_with_shift_size/10	CountingSort

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm	Algorithms	As Best	As Worst
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Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: AlgorithmType
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,414,402		0.592894	us/op	100		sorted_with_random_end	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			4,582,504		2.379324	us/op	100		sorted_with_random_end	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0.232709		0.030033	us/op	100		sorted_with_random_end	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,737,519		0.658109	us/op	100		sorted_with_random_end	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,736,863		0.088943	us/op	100		sorted_with_random_end	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,292,159		0.024864	us/op	100		sorted_with_random_end	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,560,228		0.074976	us/op	100		sorted_with_random_end	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,672,393		0.053747	us/op	100		sorted_with_random_end	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,471,891		0.113197	us/op	100		sorted_with_random_end	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,243,54		0.706325	us/op	100		sorted_with_random_mid	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,531,514		0.363852	us/op	100		sorted_with_random_mid	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,183,969		0.036272	us/op	100		sorted_with_random_mid	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,880,626		0.633389	us/op	100		sorted_with_random_mid	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			5,282,541		0.258433	us/op	100		sorted_with_random_mid	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,871,962		0.055753	us/op	100		sorted_with_random_mid	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,624,947		0.094515	us/op	100		sorted_with_random_mid	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,677,018		0.039936	us/op	100		sorted_with_random_mid	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,476,742		0.122857	us/op	100		sorted_with_random_mid	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,277,693		0.068373	us/op	100		sorted_with_random_start	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,081,187		0.030212	us/op	100		sorted_with_random_start	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,092,889		0.034999	us/op	100		sorted_with_random_start	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,500,724		0.744302	us/op	100		sorted_with_random_start	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,110,975		0.054688	us/op	100		sorted_with_random_start	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,880,159		0.033713	us/op	100		sorted_with_random_start	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,635,637		0.071777	us/op	100		sorted_with_random_start	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,634,995		0.045398	us/op	100		sorted_with_random_start	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,478,636		0.122379	us/op	100		sorted_with_random_start	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,473,861		0.514894	us/op	100		sorted_with_random_end	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			4,6341		1.633459	us/op	100		sorted_with_random_end	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,971,249		0.060729	us/op	100		sorted_with_random_end	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,885,307		0.671733	us/op	100		sorted_with_random_end	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,933,529		0.178592	us/op	100		sorted_with_random_end	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,021,856		0.117311	us/op	100		sorted_with_random_end	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,493,449		0.084095	us/op	100		sorted_with_random_end	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,676,191		0.033315	us/op	100		sorted_with_random_end	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,381,275		0.106357	us/op	100		sorted_with_random_end	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,496,397		0.765929	us/op	100		sorted_with_random_mid	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,175,429		1.234938	us/op	100		sorted_with_random_mid	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,568,074		0.036016	us/op	100		sorted_with_random_mid	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,866,045		0.670799	us/op	100		sorted_with_random_mid	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,167,238		0.087467	us/op	100		sorted_with_random_mid	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,884,525		0.050991	us/op	100		sorted_with_random_mid	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,361,562		0.079169	us/op	100		sorted_with_random_mid	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,6925		0.037975	us/op	100		sorted_with_random_mid	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,410,905		0.107509	us/op	100		sorted_with_random_mid	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,474,964		0.403279	us/op	100		sorted_with_random_start	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,682,178		0.592952	us/op	100		sorted_with_random_start	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,444,791		0.049549	us/op	100		sorted_with_random_start	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			2,816,699		0.628383	us/op	100		sorted_with_random_start	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			4,842,628		0.14907	us/op	100		sorted_with_random_start	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,845,606		0.043128	us/op	100		sorted_with_random_start	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			3,217,278		0.099305	us/op	100		sorted_with_random_start	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			1,728,105		0.087276	us/op	100		sorted_with_random_start	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			0,417,845		0.110843	us/op	100		sorted_with_random_start	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			284,721,685		6.474809	us/op	1_000		random	SelectionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			546,139,444		25.2853	us/op	1_000		random	BubbleSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			127,917,68		3.508025	us/op	1_000		random	InsertionSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			56,126,701		11.110348	us/op	1_000		random	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			22,181,924		1.123534	us/op	1_000		random	QuickSort_HighestPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			27,858,658		0.924675	us/op	1_000		random	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			52,525,539		0.437679	us/op	1_000		random	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			51,640,549		1.963955	us/op	1_000		random	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15			4,184,691		1.174645	us/op	1_000		random	CountingSort

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm	Algorithms	As Best	As Worst
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Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: AlgorithmType
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	130,64649		10,505437			us/op		1,000	sorted	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	0,848423		0,336364			us/op		1,000	sorted	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	0,858034		0,321208			us/op		1,000	sorted	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	29,979033		7,931276			us/op		1,000	sorted	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	180,629518		11,05974			us/op		1,000	sorted	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	11,488814		0,226994			us/op		1,000	sorted	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	31,420509		0,654217			us/op		1,000	sorted	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	44,575827		0,980275			us/op		1,000	sorted	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5,061021		1,037549			us/op		1,000	sorted	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	798,907623		6,196546			us/op		1,000	reversed	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	379,983236		2,734751			us/op		1,000	reversed	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	240,91222		1,694419			us/op		1,000	reversed	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	33,859025		6,986241			us/op		1,000	reversed	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	278,747028		7,942565			us/op		1,000	reversed	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	17,249937		0,670324			us/op		1,000	reversed	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	37,816392		7,827149			us/op		1,000	reversed	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	39,910817		1,001692			us/op		1,000	reversed	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4,925988		1,132962			us/op		1,000	reversed	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	236,500411		29,886615			us/op		1,000	sorted_with_shift_size/10	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	6,469976		1,950283			us/op		1,000	sorted_with_shift_size/10	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	2,784453		0,236338			us/op		1,000	sorted_with_shift_size/10	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	35,739601		6,187238			us/op		1,000	sorted_with_shift_size/10	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	315,713515		4,507583			us/op		1,000	sorted_with_shift_size/10	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	12,22056		0,425065			us/op		1,000	sorted_with_shift_size/10	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	33,491582		0,685749			us/op		1,000	sorted_with_shift_size/10	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	46,389391		1,988589			us/op		1,000	sorted_with_shift_size/10	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4,965174		1,04888			us/op		1,000	sorted_with_shift_size/10	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	267,08698		12,419308			us/op		1,000	sorted_with_shift_size/10	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	284,857112		37,357859			us/op		1,000	sorted_with_shift_size/10	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	30,82876		0,792216			us/op		1,000	sorted_with_shift_size/10	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	35,483603		6,477745			us/op		1,000	sorted_with_shift_size/10	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	22,651104		1,502596			us/op		1,000	sorted_with_shift_size/10	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	12,48374		0,235642			us/op		1,000	sorted_with_shift_size/10	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	41,684084		9,974501			us/op		1,000	sorted_with_shift_size/10	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	46,943231		0,682118			us/op		1,000	sorted_with_shift_size/10	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4,904682		1,372953			us/op		1,000	sorted_with_shift_size/10	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	256,517758		61,718493			us/op		1,000	sorted_with_random_end,	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	299,502851		1,529027			us/op		1,000	sorted_with_random_end,	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	2,901651		0,625649			us/op		1,000	sorted_with_random_end,	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	33,970715		6,985832			us/op		1,000	sorted_with_random_end,	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	145,738987		1,816237			us/op		1,000	sorted_with_random_end,	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	104,357782		1,98691			us/op		1,000	sorted_with_random_end,	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	30,711521		0,827264			us/op		1,000	sorted_with_random_end,	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	46,943218		6,909303			us/op		1,000	sorted_with_random_end,	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5,05381		1,100467			us/op		1,000	sorted_with_random_end,	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	260,382111		61,179113			us/op		1,000	sorted_with_random_mid,	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	185,000631		0,666634			us/op		1,000	sorted_with_random_mid,	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	2,317054		0,304773			us/op		1,000	sorted_with_random_mid,	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	34,48649		6,150269			us/op		1,000	sorted_with_random_mid,	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	456,245795		4,970121			us/op		1,000	sorted_with_random_mid,	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	26,486219		9,012573			us/op		1,000	sorted_with_random_mid,	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	30,908678		1,083273			us/op		1,000	sorted_with_random_mid,	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	45,861115		0,714988			us/op		1,000	sorted_with_random_mid,	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5,087661		1,031958			us/op		1,000	sorted_with_random_mid,	CountingSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	128,421581		1,818596			us/op		1,000	sorted_with_random_start,	SelectionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	0,849002		0,337323			us/op		1,000	sorted_with_random_start,	BubbleSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	0,888574		0,381539			us/op		1,000	sorted_with_random_start,	InsertionSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	28,376478		7,049921			us/op		1,000	sorted_with_random_start,	MergeSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	186,883253		10,557546			us/op		1,000	sorted_with_random_start,	QuickSort_HighestPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	11,60926		0,293114			us/op		1,000	sorted_with_random_start,	QuickSort_MedianPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	31,649298		0,713145			us/op		1,000	sorted_with_random_start,	QuickSort_RandomPivot
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	45,007486		0,938949			us/op		1,000	sorted_with_random_start,	HeapSort
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5,150593		1,168339			us/op		1,000	sorted_with_random_start,	CountingSort

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm	Algorithms	As Best	As Worst
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Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: cAlgorithmType
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	313,876424		57,851112		us/op	1_000		sorted_with_random_end	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	424,902172		7,15742		us/op	1_000		sorted_with_random_end	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	103,87097		19,482122		us/op	1_000		sorted_with_random_end	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	38,632243		7,153073		us/op	1_000		sorted_with_random_end	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	20,234347		1,895782		us/op	1_000		sorted_with_random_end	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	21,595119		1,090156		us/op	1_000		sorted_with_random_end	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	46,610144		0,380645		us/op	1_000		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	49,590914		1,055325		us/op	1_000		sorted_with_random_end	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	3,910628		0,780387		us/op	1_000		sorted_with_random_end	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	291,617079		32,825873		us/op	1_000		sorted_with_random_mid	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	380,828708		17,311731		us/op	1_000		sorted_with_random_mid	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	72,602045		2,74853		us/op	1_000		sorted_with_random_mid	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	38,642035		7,362809		us/op	1_000		sorted_with_random_mid	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	257,065412		11,596582		us/op	1_000		sorted_with_random_mid	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	17,348669		1,454479		us/op	1_000		sorted_with_random_mid	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	43,950925		0,694866		us/op	1_000		sorted_with_random_mid	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	47,339059		0,859558		us/op	1_000		sorted_with_random_mid	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4609396		1,305515		us/op	1_000		sorted_with_random_mid	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	305,667715		73,376226		us/op	1_000		sorted_with_random_start	SelectionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	285,465062		38,606344		us/op	1_000		sorted_with_random_start	BubbleSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	76,071726		1,776546		us/op	1_000		sorted_with_random_start	InsertionSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	37,360029		6,296111		us/op	1_000		sorted_with_random_start	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	398,703001		5,971356		us/op	1_000		sorted_with_random_start	QuickSort_HighestPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	15,031686		1,361146		us/op	1_000		sorted_with_random_start	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	41,015901		0,470487		us/op	1_000		sorted_with_random_start	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	45,100943		0,62035		us/op	1_000		sorted_with_random_start	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4,831473		1,482235		us/op	1_000		sorted_with_random_start	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	11204,11556		638,800206		us/op	100_000		random	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7622,464788		1015,662828		us/op	100_000		random	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7878,370556		3021,52772		us/op	100_000		random	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	10872,17444		53,599742		us/op	100_000		random	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	774,493054		98,426987		us/op	100_000		random	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	3389,078442		868,374089		us/op	100_000		sorted	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	2333,603486		137,607925		us/op	100_000		sorted	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4283,238502		660,970234		us/op	100_000		sorted	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7402,845278		130,137341		us/op	100_000		sorted	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	517,979614		89,752647		us/op	100_000		sorted	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4446,149169		897,184498		us/op	100_000		reversed	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4198,209175		111,118484		us/op	100_000		reversed	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4340,995877		215,228791		us/op	100_000		reversed	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7111,513148		106,823969		us/op	100_000		reversed	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	525,879544		89,096788		us/op	100_000		reversed	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4552,37593		819,735566		us/op	100_000		sorted_with_shift_size/10	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	2479,171792		80,400874		us/op	100_000		sorted_with_shift_size/10	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4121,442901		183,458655		us/op	100_000		sorted_with_shift_size/10	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7251,332222		47,448027		us/op	100_000		sorted_with_shift_size/10	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	528,160749		104,980737		us/op	100_000		sorted_with_shift_size/10	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4499,950619		1042,181151		us/op	100_000		sorted_with_shift_size/10	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	2392,444331		65,227587		us/op	100_000		sorted_with_shift_size/10	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	3919,469863		229,530037		us/op	100_000		sorted_with_shift_size/10	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7176,786389		72,063519		us/op	100_000		sorted_with_shift_size/10	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	5241,48172		90,581794		us/op	100_000		sorted_with_shift_size/10	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4519,66251		899,321508		us/op	100_000		sorted_with_random_end	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4095,988472		130,46453		us/op	100_000		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7142,925093		70,161707		us/op	100_000		sorted_with_random_end	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	517,884248		86,612517		us/op	100_000		sorted_with_random_end	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4870,493683		9131,06084		us/op	100_000		sorted_with_random_mid	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	10	104596,78		297,408688		us/op	100_000		sorted_with_random_mid	QuickSort_MedianPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	4140,56375		81,480167		us/op	100_000		sorted_with_random_mid	QuickSort_RandomPivot	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	7150,800278		87,918497		us/op	100_000		sorted_with_random_mid	HeapSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	524,816093		102,379292		us/op	100_000		sorted_with_random_mid	CountingSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	3333,904129		921,786821		us/op	100_000		sorted_with_random_start	MergeSort	
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1	1	15	2294,117739		93,487836		us/op	100_000		sorted_with_random_start	QuickSort_MedianPivot	

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm	Algorithms	As Best	As Worst
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Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	Tp	Param: aSize	Param: bArrayType	Param: cAlgorithmType
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4104,327574		211,419072		us/op	100_000		sorted_with_random_start	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	7202,771944		105,325622		us/op	100_000		sorted_with_random_start	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	532,95759		83,869507		us/op	100_000		sorted_with_random_start	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	7887,244246		848,993029		us/op	100_000		sorted_with_random_end	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	6459,983556		44,109829		us/op	100_000		sorted_with_random_end	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	6838,973667		114,214793		us/op	100_000		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	9795,192063		245,699792		us/op	100_000		sorted_with_random_end	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	578,248393		83,879765		us/op	100_000		sorted_with_random_end	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	7769,63119		854,336601		us/op	100_000		sorted_with_random_mid	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5541,254687		86,788305		us/op	100_000		sorted_with_random_mid	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	6501,364074		213,736028		us/op	100_000		sorted_with_random_mid	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	9010,390079		79,279534		us/op	100_000		sorted_with_random_mid	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	588,599485		83,942257		us/op	100_000		sorted_with_random_mid	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	7880,695542		865,183677		us/op	100_000		sorted_with_random_start	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4978,669017		182,60529		us/op	100_000		sorted_with_random_start	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5900,467212		71,623324		us/op	100_000		sorted_with_random_start	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	8556,030119		136,779428		us/op	100_000		sorted_with_random_start	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	586,57821		92,276986		us/op	100_000		sorted_with_random_start	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	128191,62		5628,948223		us/op	1_000_000		random	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	87943,70667		1746,383765		us/op	1_000_000		random	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	89922,41333		5028,267918		us/op	1_000_000		random	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	143409,74		5525,647779		us/op	1_000_000		random	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	18383,61556		1908,554528		us/op	1_000_000		random	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	35541,37333		10182,6036		us/op	1_000_000		sorted	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	24875,8		761,409912		us/op	1_000_000		sorted	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4522,885		2187,00502		us/op	1_000_000		sorted	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	79246,26667		702,88545		us/op	1_000_000		sorted	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5839,692717		636,403224		us/op	1_000_000		sorted	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	48392,02667		12370,09293		us/op	1_000_000		reversed	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	4976,085		1680,308326		us/op	1_000_000		reversed	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	48871,77333		2738,971778		us/op	1_000_000		reversed	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	76889,51333		3944,845284		us/op	1_000_000		reversed	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5683,25413		808,722132		us/op	1_000_000		reversed	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	54779,09667		13039,96093		us/op	1_000_000		sorted_with_shift_size/10	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	26401,74111		1039,793851		us/op	1_000_000		sorted_with_shift_size/10	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	44805,06		1836,503498		us/op	1_000_000		sorted_with_shift_size/10	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	85279,68667		2047,715651		us/op	1_000_000		sorted_with_shift_size/10	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5634,279903		740,319165		us/op	1_000_000		sorted_with_shift_size/10	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	55969,26		15045,57955		us/op	1_000_000		sorted_with_shift_size/10	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	27020,09556		1345,594127		us/op	1_000_000		sorted_with_shift_size/10	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	46851,49		2094,256009		us/op	1_000_000		sorted_with_shift_size/10	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	86917,81333		747,780315		us/op	1_000_000		sorted_with_shift_size/10	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5664,74678		706,199167		us/op	1_000_000		sorted_with_shift_size/10	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	54652,81667		12910,01766		us/op	1_000_000		sorted_with_random_end	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	44982,30333		1534,44723		us/op	1_000_000		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	85435,63333		2903,015674		us/op	1_000_000		sorted_with_random_end	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5755,554124		743,581821		us/op	1_000_000		sorted_with_random_end	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	55042,92333		12845,09587		us/op	1_000_000		sorted_with_random_mid	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	44750,74667		1291,755572		us/op	1_000_000		sorted_with_random_mid	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	84310,98667		4728,297153		us/op	1_000_000		sorted_with_random_mid	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5559,461845		633,239163		us/op	1_000_000		sorted_with_random_mid	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	35187,67		9496,000082		us/op	1_000_000		sorted_with_random_start	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	26087,80778		1146,057789		us/op	1_000_000		sorted_with_random_start	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	46410,74		6520,500758		us/op	1_000_000		sorted_with_random_start	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	85045,66		2856,748642		us/op	1_000_000		sorted_with_random_start	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	5658,431377		639,716135		us/op	1_000_000		sorted_with_random_start	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	91400,00667		8178,344445		us/op	1_000_000		sorted_with_random_end	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	75897,5		2155,238453		us/op	1_000_000		sorted_with_random_end	QuickSort_MedianPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	81955,14		11010,53057		us/op	1_000_000		sorted_with_random_end	QuickSort_RandomPivot	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	137204,9667		13290,94986		us/op	1_000_000		sorted_with_random_end	HeapSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	7939,241389		843,282871		us/op	1_000_000		sorted_with_random_end	CountingSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		15	87838,20667		5087,513156		us/op	1_000_000		sorted_with_random_mid	MergeSort	
pl.mwayjuk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt	1		10	63416,86		519,363381		us/op	1_000_000		sorted_with_random_mid	QuickSort_MedianPivot	

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm	Algorithms	As Best	As Worst
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Benchmark	Mode	#	Threads	#	Samples	#	Score	#	Score Error (99.9%)	Unit	T _p	Param: aSize	Param: bArrayType	Param: cAlgorithmType
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		70954.56		1892.992398	us/op		1_000_000	sorted_with_random_mid	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		117280.88		540.050337	us/op		1_000_000	sorted_with_random_mid	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		7931.486005		813.839868	us/op		1_000_000	sorted_with_random_mid	CountingSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		87207.80667		5482.877541	us/op		1_000_000	sorted_with_random_start	MergeSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		10		55731.115		1680.865841	us/op		1_000_000	sorted_with_random_start	QuickSort_MedianPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		65317.25		1566.639364	us/op		1_000_000	sorted_with_random_start	QuickSort_RandomPivot
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		118051.0267		9837.206675	us/op		1_000_000	sorted_with_random_start	HeapSort
pl.mwasyluk.sorting.benchmarks.SortingAlgorithmBenchmark.sort	avgt		1		15		7947.625		819.006993	us/op		1_000_000	sorted_with_random_start	CountingSort

Size	ArrayType	Best Score	Best Algorithm	Worst Score	Worst Algorithm
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Algorithms	As Best	As Worst
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