Sorting summary

remarks	N exchanges	use for small Nor partially ordered	tight code, subquadratic	N log N probabilistic guarantee fastest in practice	improves quicksort in presence of duplicate keys	N log N guarantee, stable	holy sorting grail
rer	Nexe	use for small No	tight code,	N log N proba fastest	improves quicks duplic	N log N gud	holy so
best	N ² /2	>	>	N lg N	>	N lg N	N Ig N
average	N ² /2	$N^2 / 4$	<i>د</i> .	2 N In N	2 N In N	N lg N	N lg N
worst	N ² / 2	N ² / 2	۲.	N 2 / 2	N ² / 2	N Ig N	N Ig N
stable?		×				×	×
inplace?	×	×	×	×	×		×
	selection	insertion	shell	quick	3-way quick	merge	ċċċ