BubbleSort	InsertionSort	SelectionSort	ShellSort	MergeSort	QuickSort
[3, 4, 9, 2, 5, 8, 1]	[3, 4, 9, 2, 5, 8, 1]	[1, 4, 9, 2, 5, 8, 3]	[3, 4, 9, 2, 5, 8, 1]	[3, 4, 9, 2, 5, 8, 1]	[3, 4, 9, 2, 5, 8, 1]
[3, 4, 2, 5, 8, 1, 9]	[3, 4, 9, 2, 5, 8, 1]	[1, 2, 9, 4, 5, 8, 3]	[3, 4, 1, 2, 5, 8, 9]	[3, 4, 9] [2, 5, 8, 1]	[1, 4, 9, 2, 5, 8, 3]
[3, 2, 4, 5, 1, 8, 9]	[3, 4, 9, 2, 5, 8, 1]	[1, 2, 3, 4, 5, 8, 9]	[2, 3, 1, 4, 5, 8, 9]	[3] [4, 9] [2, 5] [8, 1]	[1, 2, 3, 4, 5, 8, 9]
[2, 3, 4, 1, 5, 8, 9]	[2, 3, 4, 9, 5, 8, 1]	[1, 2, 3, 4, 5, 8, 9]	[2, 1, 3, 4, 5, 8, 9]	[3, 4, 9] [2, 5, 1, 8]	[1, 2, 3, 4, 5, 8, 9]
[2, 3, 1, 4, 5, 8, 9]	[2, 3, 4, 5, 9, 8, 1]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[3, 4, 9] [1, 2, 5, 8]	[1, 2, 3, 4, 5, 8, 9]
[2, 1, 3, 4, 5, 8, 9]	[2, 3, 4, 5, 8, 9, 1]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]
[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]	[1, 2, 3, 4, 5, 8, 9]
	[3, 4, 9, 2, 5, 8, 1] [3, 4, 2, 5, 8, 1, 9] [3, 2, 4, 5, 1, 8, 9] [2, 3, 4, 1, 5, 8, 9] [2, 3, 1, 4, 5, 8, 9] [2, 1, 3, 4, 5, 8, 9]	[3, 4, 9, 2, 5, 8, 1] [3, 4, 9, 2, 5, 8, 1] [3, 4, 2, 5, 8, 1, 9] [3, 4, 9, 2, 5, 8, 1] [3, 2, 4, 5, 1, 8, 9] [3, 4, 9, 2, 5, 8, 1] [2, 3, 4, 1, 5, 8, 9] [2, 3, 4, 9, 5, 8, 1] [2, 3, 1, 4, 5, 8, 9] [2, 3, 4, 5, 9, 8, 1] [2, 1, 3, 4, 5, 8, 9] [2, 3, 4, 5, 8, 9, 1]	[3, 4, 9, 2, 5, 8, 1] [3, 4, 9, 2, 5, 8, 1] [1, 4, 9, 2, 5, 8, 3] [3, 4, 2, 5, 8, 1, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 9, 4, 5, 8, 3] [3, 2, 4, 5, 1, 8, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 3, 4, 1, 5, 8, 9] [2, 3, 4, 5, 9, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 3, 1, 4, 5, 8, 9] [2, 3, 4, 5, 9, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 1, 3, 4, 5, 8, 9] [2, 3, 4, 5, 8, 9, 1] [1, 2, 3, 4, 5, 8, 9]	[3, 4, 9, 2, 5, 8, 1] [3, 4, 9, 2, 5, 8, 1] [1, 4, 9, 2, 5, 8, 3] [3, 4, 9, 2, 5, 8, 1] [3, 4, 2, 5, 8, 1, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 9, 4, 5, 8, 3] [3, 4, 1, 2, 5, 8, 9] [3, 2, 4, 5, 1, 8, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 3, 1, 4, 5, 8, 9] [2, 3, 4, 1, 5, 8, 9] [2, 3, 4, 9, 5, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 1, 3, 4, 5, 8, 9] [2, 3, 1, 4, 5, 8, 9] [2, 3, 4, 5, 8, 9, 1] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9] [2, 1, 3, 4, 5, 8, 9] [2, 3, 4, 5, 8, 9, 1] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9]	[3, 4, 9, 2, 5, 8, 1] [3, 4, 9, 2, 5, 8, 1] [1, 4, 9, 2, 5, 8, 3] [3, 4, 9, 2, 5, 8, 1] [3, 4, 9, 2, 5, 8, 1] [3, 4, 2, 5, 8, 1, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 9, 4, 5, 8, 3] [3, 4, 1, 2, 5, 8, 9] [3, 4, 9] [2, 5, 8, 1] [3, 2, 4, 5, 1, 8, 9] [3, 4, 9, 2, 5, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 3, 1, 4, 5, 8, 9] [3] [4, 9] [2, 5] [8, 1] [2, 3, 4, 1, 5, 8, 9] [2, 3, 4, 5, 9, 8, 1] [1, 2, 3, 4, 5, 8, 9] [2, 1, 3, 4, 5, 8, 9] [3, 4, 9] [2, 5, 1, 8] [2, 1, 3, 4, 5, 8, 9] [2, 3, 4, 5, 8, 9, 1] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9] [1, 2, 3, 4, 5, 8, 9]