

Area	Area Pts	Specifics	Specific Points	Points Lost
General	2	Page Formatting	1	
		Bird Names	1	
Intro	30	Motivation	5	
		Quicksort Algorithm Explanation	5	
		Hybrid Algorithm Explanation	5	
		Why hybrid is not $O(N^2)$ since it runs insertion whole array	5	
		What algorithm does library use?	5	
		Describe algorithm if appropriate		
		Clear statement of experimental expectations/ hypotheses and explanation of	5	
Methodology	25	Fisher-Yates shuffle explanation	5	
		How data points are collected	10	
		Discussion of variance sources and how methodology mitigates / eliminates variance sources.	10	
Results/Analysis	30	Graph of results (table in appendix, probably)	5	
		observations you can make about the comparative performance	25	
Conclusions / Contributions	5	A good summary of findings	5	
References	3		3	
Appendix	5	All Code	4	
		table of performance data (if not in body)	1	
Extra Credit	10	Dual Pivot data in graph (may be a separate graph)	3	
		Description of Dual Pivot algorithm	4	
		observations you can make about the comparative performance	3	