

### Sorting Algorithms Performance

Sorting Types	Number of Lists with Random Values									
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000
<i>Insertion Sort</i>	0.0146	0.0618	0.1418	0.2546	0.3974	0.5834	0.7922	1.035	1.3004	1.6194
<i>Selection Sort</i>	0.0142	0.0562	0.1268	0.2254	0.358	0.5072	0.6884	0.9014	1.1372	1.401
<i>Merge Sort</i>	0.002	0.0042	0.0062	0.0086	0.011	0.0136	0.016	0.0188	0.0216	0.0242
<i>Quick Sort</i>	0.001	0.002	0.0034	0.0048	0.0056	0.007	0.0088	0.0096	0.0108	0.0122

*CSC102-Lab 05: Sorting Algorithms*

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