90% decreasing	Bubble Sort	Quick Sort Fixed	Quick Sort Random
10	1.99E-06	2.03E-06	2.78E-06
20	4.74E-06	3.79E-06	5.66E-06
40	1.45E-05	8.56E-06	1.14E-05
80	4.94E-05	2.26E-05	2.65E-05
160	6.35E-05	2.53E-05	1.85E-05
320	0.000246797	8.42E-05	3.99E-05
640	0.000911248	0.00027917	7.92E-05
1280	0.00312629	0.00086582	0.00017254
2560	0.0114498	0.00323286	0.000364677
5120	0.0452444	0.0121867	0.00135875
10240	0.178585	0.0506233	0.00211823
20480	0.726147	0.200851	0.00826406
40960	2.53846	0.678587	0.0113082

Bubble Sort, Quick Sort Fixed and Quick Sort Random
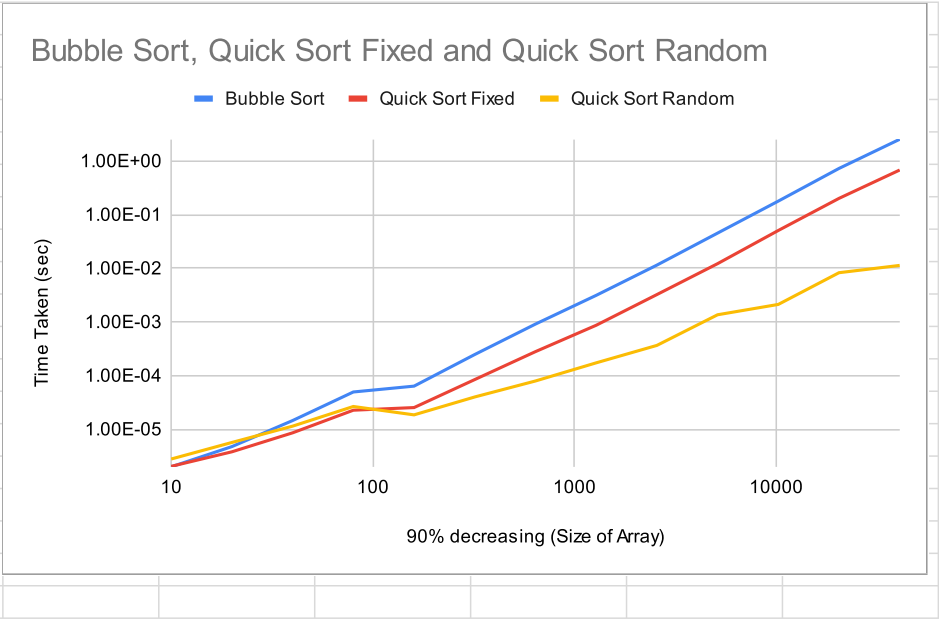
90% increasing	Bubble Sort	Quick Sort Fixed	Quick Sort Random
10	1.31E-06	2.24E-06	2.89E-06
20	3.40E-06	4.06E-06	6.37E-06
40	1.06E-05	9.13E-06	1.33E-05
80	3.57E-05	2.53E-05	2.86E-05
160	4.62E-05	2.91E-05	2.34E-05
320	0.000172032	9.74E-05	4.19E-05
640	0.000626287	0.000336545	0.000122697
1280	0.00226495	0.00111001	0.000261697
2560	0.00789892	0.00401373	0.000352751
5120	0.0312044	0.0155522	0.0010173
10240	0.124159	0.0612297	0.00488157
20480	0.499117	0.24526	0.00818478
40960	1.72592	0.830373	0.0175552

Bubble Sort, Quick Sort Fixed and Quick Sort Random
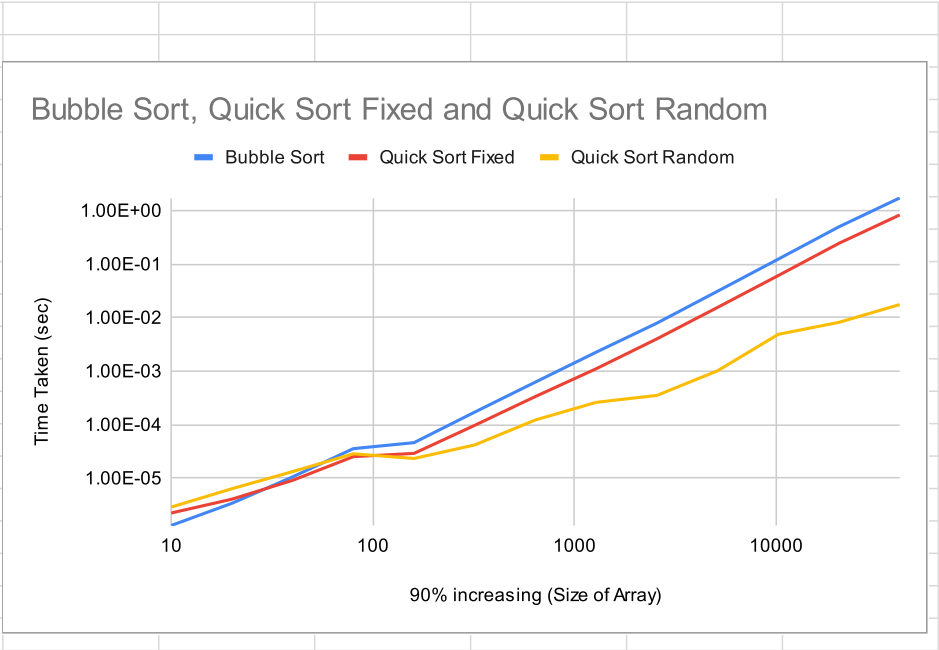
Random	Bubble Sort	Quick Sort Fixed	Quick Sort Random
10	2.05E-06	1.99E-06	3.91E-06
20	6.79E-06	5.49E-06	6.83E-06
40	1.87E-05	1.10E-05	1.39E-05
80	6.64E-05	2.55E-05	2.84E-05
160	7.59E-05	1.82E-05	2.16E-05
320	0.000268249	3.96E-05	4.76E-05
640	0.0009637	7.80E-05	9.07E-05
1280	0.00334007	0.000147003	0.000169742
2560	0.0112688	0.000272612	0.000320289
5120	0.051794	0.000576867	0.000665761
10240	0.244855	0.0012064	0.00138329
20480	1.08677	0.0025461	0.00287159
40960	4.30923	0.00461591	0.00524033

Bubble Sort, Quick Sort Fixed and Quick Sort Random

— Bubble Sort — Quick Sort Fixed — Quick Sort Random

Y-axis: Time Taken (sec) — 1.00E+00, 1.00E-01, 1.00E-02, 1.00E-03, 1.00E-04, 1.00E-05

X-axis: Random (Size of Array) — 10, 100, 1000, 10000