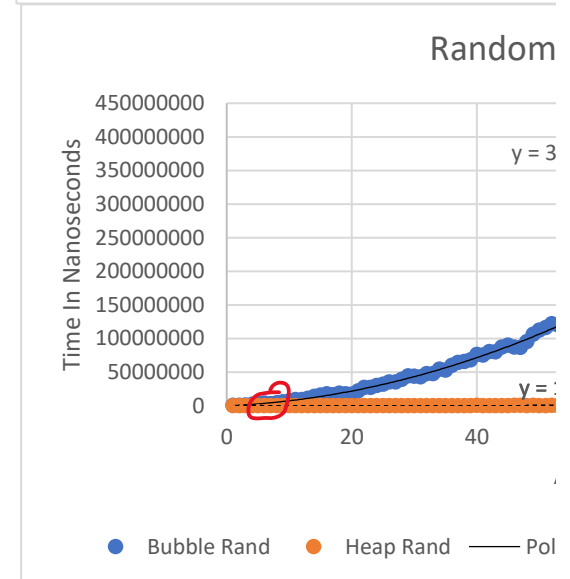
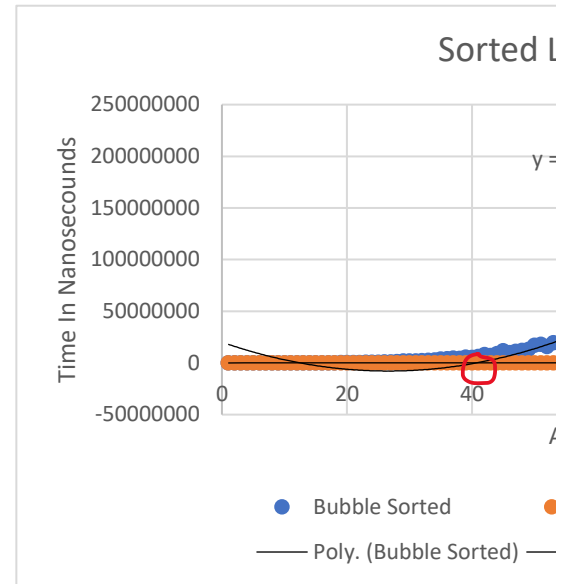


Size Bubble Sort Heap Sort Bubble Sort Heap Sort

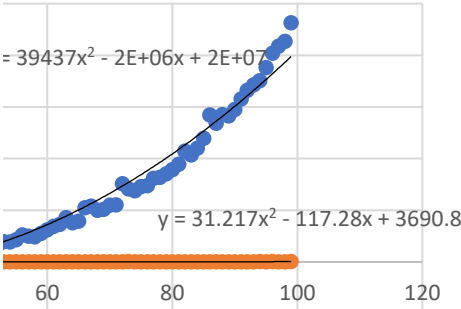
1	400	300	171600	17700
2	300	400	397800	33000
3	500	1200	985600	42700
4	1000	1600	1797100	77600
5	3200	1800	3396000	106200
6	5500	2700	3633500	81900
7	8400	2200	2784400	60500
8	12300	3000	4426800	67500
9	19100	3400	5447300	46500
10	29900	4900	7280000	100100
11	44200	5200	8909500	83600
12	52800	5400	8744600	67000
13	134000	12900	11028200	54500
14	93100	6800	13872800	129000
15	122700	7900	15463000	94300
16	161700	8200	17577700	95900
17	195500	8900	15959200	65300
18	256200	10700	18359800	101400
19	581900	14600	17314200	61500
20	360100	11500	17158600	99900
21	427600	12100	21639900	106900
22	525900	13900	27248500	100700
23	658400	14300	26931500	73900
24	677000	16000	29710600	80300
25	841900	18500	31798400	77600
26	975800	18400	35359200	85400
27	1088200	19600	35368900	143300
28	1504700	44000	39096500	134700
29	1984600	29800	44397400	106100
30	1910600	27600	43632600	96300
31	1936000	25900	42817900	93000
32	2215900	27700	47355400	99100
33	2579400	29800	47678500	143900
34	2859900	32400	54018700	103100
35	3892800	40700	52990500	106100
36	4082300	48800	59981800	109900
37	4701900	37700	64012200	128600
38	4561200	39800	65699300	126600
39	5764500	87800	68073100	118800
40	5418100	43500	76070700	224100
41	6279600	84900	74989000	118800
42	8322600	57500	80210400	122300
43	7209300	49000	79971700	137700
44	9035400	51200	86919800	139300
45	11841800	94200	89682300	134200



46	10171600	56300	87020700	246800
47	11381000	59300	86553600	207800
48	12168900	100900	95087500	140200
49	13281800	67000	1.06E+08	320100
50	17099800	89000	1.12E+08	160000
51	17977200	71100	1.16E+08	148000
52	15962800	72800	1.22E+08	268600
53	19664100	77400	1.2E+08	158200
54	19336500	145900	1.28E+08	161000
55	21372000	81100	1.27E+08	159200
56	26021600	85000	1.29E+08	160200
57	24783200	89500	1.42E+08	163500
58	24288700	90200	1.42E+08	358600
59	27709100	92600	1.43E+08	171600
60	31079400	97200	1.66E+08	448700
61	34513400	100800	1.69E+08	199000
62	36498500	102900	1.66E+08	197000
63	42903000	138500	1.61E+08	181300
64	37758500	133600	1.62E+08	186300
65	39525800	112800	1.63E+08	187700
66	52552800	124900	1.95E+08	258100
67	54023800	128500	1.77E+08	188300
68	49985200	123300	1.74E+08	191200
69	51065800	128600	1.79E+08	193800
70	54793100	131500	1.8E+08	195600
71	55399900	133400	2.13E+08	213300
72	75562900	149600	2.08E+08	199300
73	70871400	350100	2.24E+08	200200
74	68838400	146300	1.96E+08	200600
75	72926400	181900	2.04E+08	369000
76	73860400	154100	2.2E+08	218800
77	81064400	158800	2.09E+08	211900
78	81917800	161100	2.19E+08	214500
79	85204500	168400	2.41E+08	332500
80	89231700	203900	2.36E+08	222600
81	94429600	176000	2.47E+08	227500
82	1.07E+08	279800	2.68E+08	232400
83	1.04E+08	186400	2.69E+08	236400
84	1.1E+08	190800	2.77E+08	237000
85	1.2E+08	193100	3.12E+08	350600
86	1.42E+08	199100	3.22E+08	243200
87	1.34E+08	202200	3.01E+08	395000
88	1.43E+08	238700	3.06E+08	245600
89	1.41E+08	211400	3.13E+08	392200
90	1.48E+08	217600	3.15E+08	251300
91	1.58E+08	221700	3.88E+08	439100
92	1.66E+08	245000	3.29E+08	424100

93	1.71E+08	227100	3.31E+08	324200
94	1.75E+08	319100	3.35E+08	261600
95	1.88E+08	241200	3.52E+08	261800
96	2.02E+08	330000	3.39E+08	281400
97	2.09E+08	250200	3.65E+08	271300
98	2.14E+08	275000	3.64E+08	360100
99	2.32E+08	443700	3.61E+08	558100

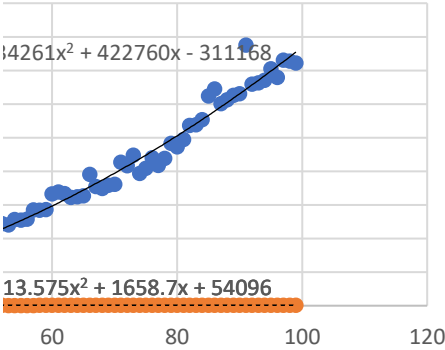
List



Axis Title

- Heap Sorted
- Poly. (Heap Sorted)

List



Axis Title

- ly. (Bubble Rand)
- Poly. (Heap Rand)