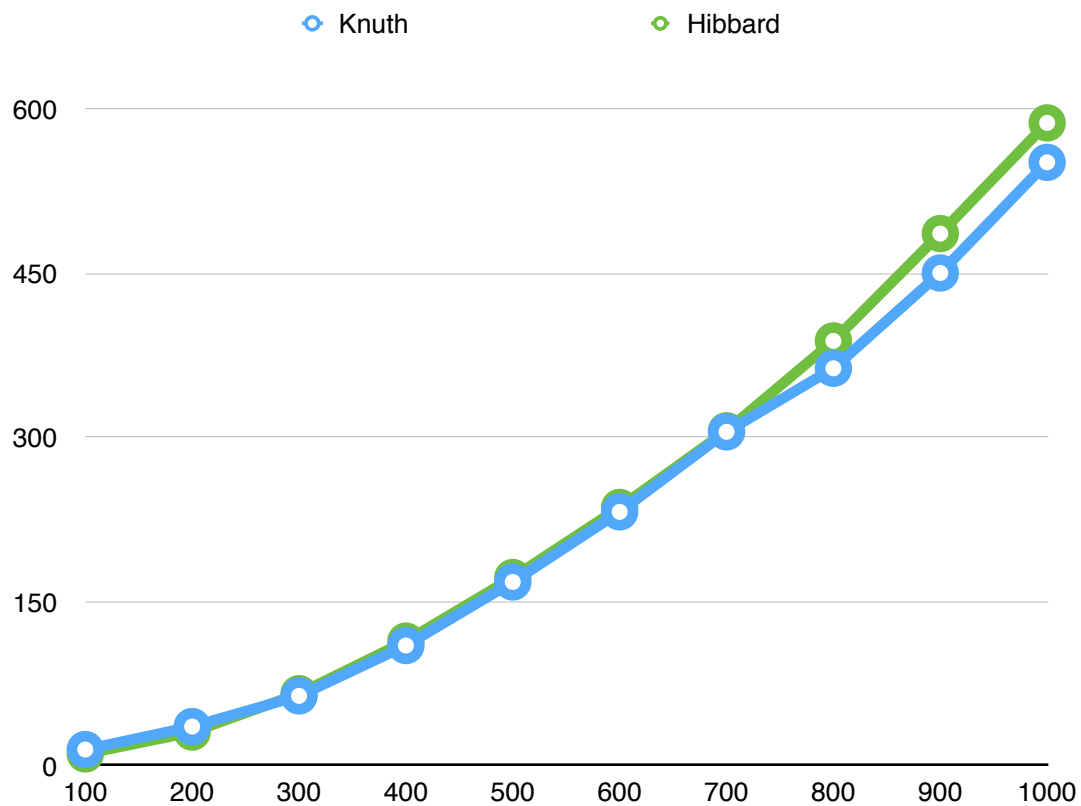


The provided code SortTest.java was modified and use to compare performance of Shell sort using Hibbard sequence and Knuth Sequence.

In terms of speed, Knuth sequence is slightly better up to array size of 1000

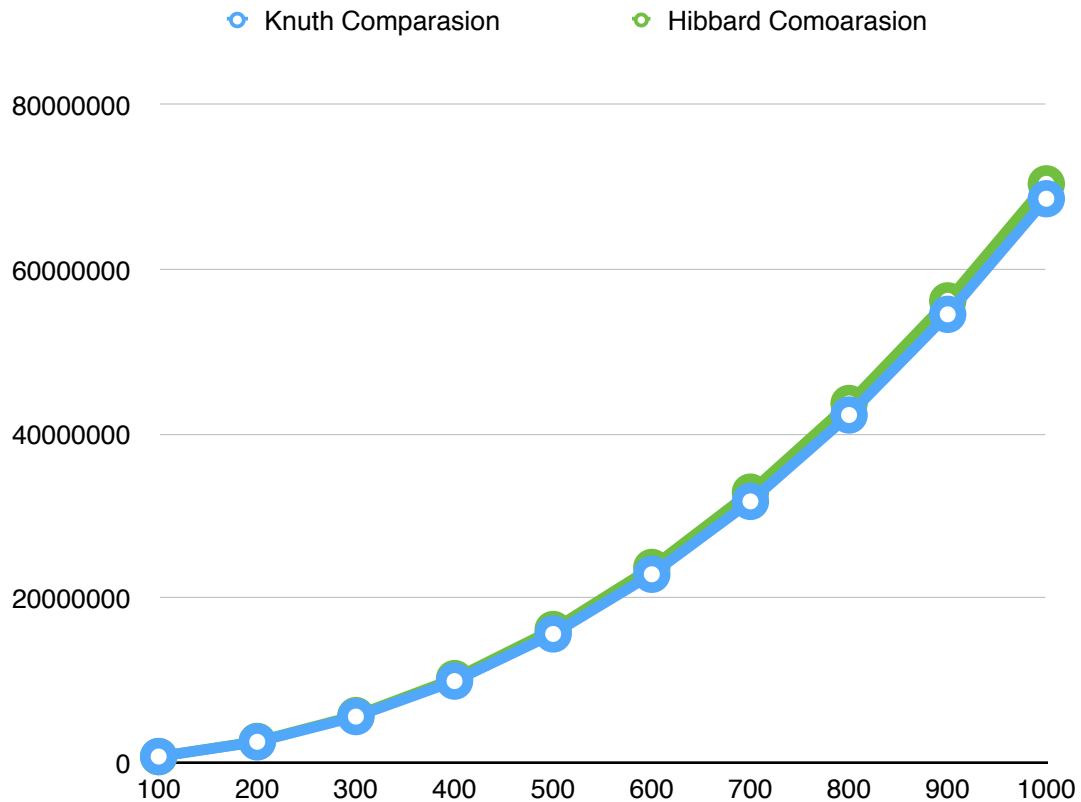
Speed Comparison

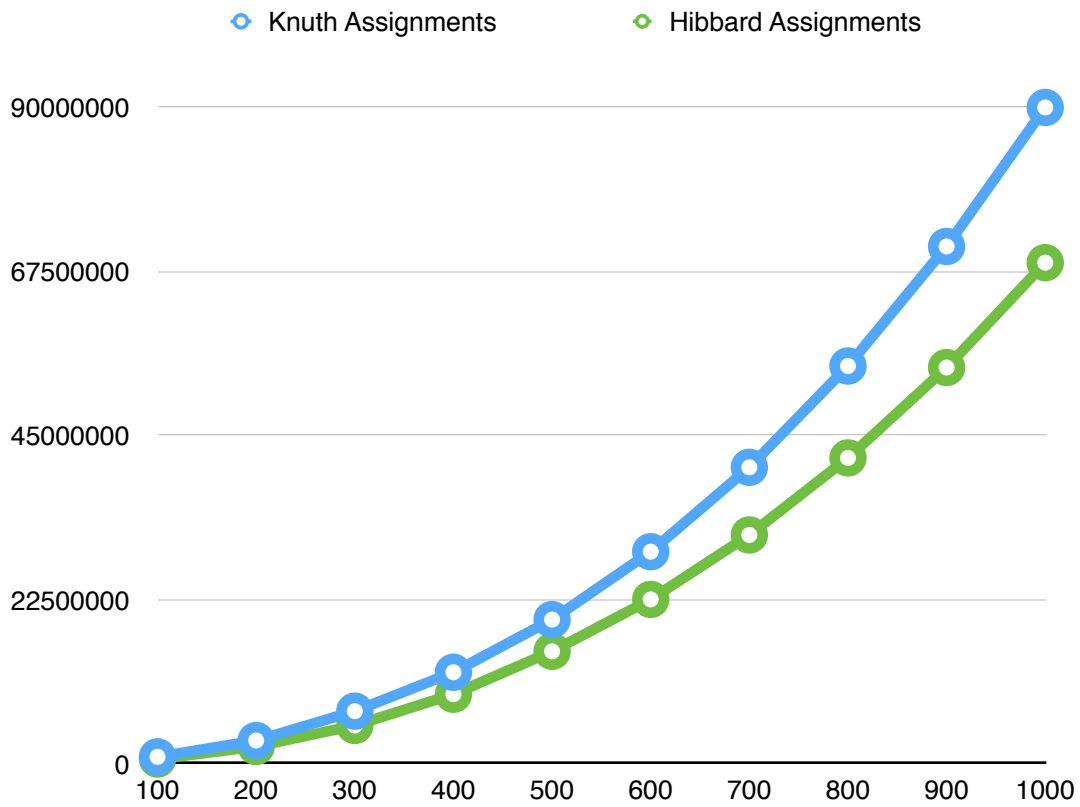
Array size	Knuth (ms)	Hibbard (ms)
100	15	11
200	36	31
300	64	66
400	110	114
500	168	172
600	232	236
700	305	306
800	363	388
900	450	486
1000	551	587



## Comparison and assignment operation count

Array Size	Knuth Comparasion	Hibbard Comoarasion	Knuth Assignments	Hibbard Assignments
100	745396	736695	978622	674388
200	2536933	2583613	3213842	2390176
300	5607556	5727298	7236378	5271748
400	9928809	10233790	12560210	9552036
500	15666600	16207001	19771098	15422364
600	22926393	23757041	29069804	22535002
700	31796082	32922985	40619440	31355496
800	42310927	43716190	54489160	41905976
900	54562485	56201363	70859244	54284670
1000	68632381	70443021	89890814	68640156





Up to array size of 1000, Hibbard sequence uses slightly more comparison operations but less assignment operations.