

Performance(bst):

	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000
Build	1.01895	2.36959	4.00935	6.09942	8.09872
deletemin	0.0005778	0.0012004	0.0018404	0.0026074	0.003429
deletemax	0.0007306	0.0015478	0.0023752	0.0033566	0.0041822

Performance(Min-5 Heap):

	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000
Build	0.0568042	0.101493	0.152976	0.203978	0.25566
deletemin	0.00088	0.001708	0.0025288	0.0032684	0.0038152
deletemax	6.66265	29.1621	38.6737	55.3521	69.4008

Performance(Max-5 Heap):

	1,000,000	2,000,000	3,000,000	4,000,000	5,000,000
Build	0.0663409	0.103574	0.155935	0.237899	0.28349
deletemin	6.57292	28.0496	40.5857	58.4031	71.396
deletemax	0.001005	0.0019892	0.0031462	0.0037135	0.004223

From observation, build in BST is much quicker than Max-5 Heap and Min-5 Heap. As for delete Min, BST and Min-5 Heap are similar, and Max-5 Heap costs much longer time than the other two ways. As for delete Max, BST and Max-5 Heap are similar, but Min-5 Heap delete max takes much longer time than the other two.

In conclusion, BST takes the longest to build. The min heap delete min and max heap delete max are fastest, and the heaps take the same amount of time to build.