

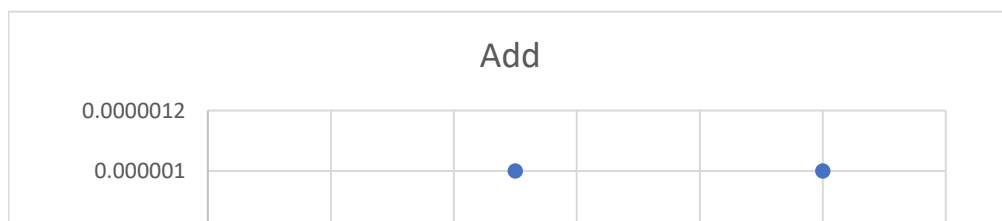
The experiment had me first adding a specific number of random elements into the Binary Search tree and then timing the execution of one function. Below are the individual trial times  
After those a table with the averages and then a scatter plot of the average times

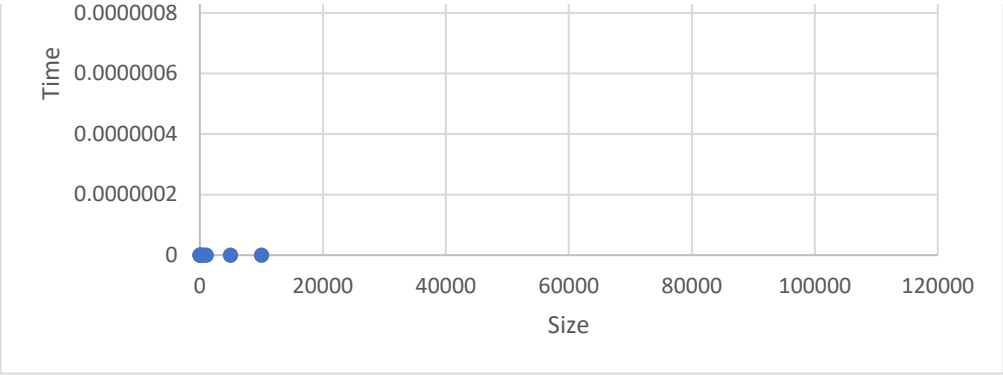
add

Trial no.	Size:10	50	100	500	1000	5000	10000	50000	100000
1	0	0	0	0	0	0	0	0.001	0.001
2	0	0	0	0	0	0	0.001	0	0.001
3	0	0	0	0	0	0.001	0	0.001	0.001
4	0	0	0	0	0		0.001	0.001	0
5	0	0	0	0	0.001	0	0.001	0.001	0.001
6	0	0	0	0	0	0	0	0	0.001
7	0	0	0	0	0	0.001	0	0	0
8	0	0	0	0	0	0	0	0.001	0.001
9	0	0	0	0	0	0	0	0.001	0
10	0	0	0	0	0	0	0	0	0.001

Average

Size	Time	timein ms
10	0	0
50	0	0
100	0	0
500	0	0
1000	0	0
5000	0	0
10000	0	0
50000	0.000001	0.001
100000	0.000001	0.001





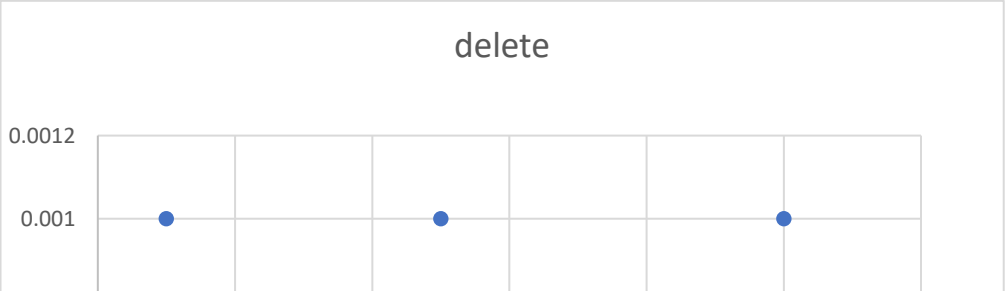
Delete

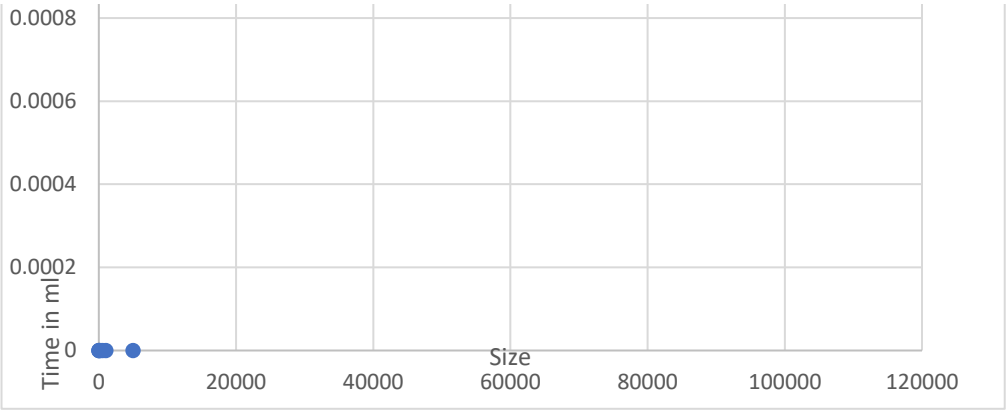
Individual

Trial no.	Size:10	50	100	500	1000	5000	10000	50000	100000
1	0	0	0	0.001	0	0	0	0.001	0.001
2	0	0	0	0	0	0	0.001	0	0.001
3	0	0	0	0	0	0.001	0	0	0.001
4	0	0	0	0	0		0.001	0.001	0
5	0	0	0	0	0	0.001	0.001	0	0.001
6	0	0	0	0	0	0	0	0	0.001
7	0	0	0	0	0.001	0.001	0.001	0	0.001
8	0	0	0	0	0.001	0	0	0.001	0.001
9	0	0	0	0	0	0	0.001	0.001	0
10	0	0	0	0	0	0.001	0.001	0.001	0.001

Average

Size	Time	timein mil
10	0	0
50	0	0
100	0	0
500	0	0
1000	0	0
5000	0	0
10000	0.000001	0.001
50000	0.000001	0.001
100000	0.000001	0.001





Exists

Trial no.	Size:10	50	100	500	1000	5000	10000	50000	100000
1	0	0	0	0	0	0	0	0.001	0.001
2	0	0	0	0	0	0	0.001	0	0.001
3	0	0	0	0	0	0	0	0	0.001
4	0	0	0	0	0		0.001	0.001	0
5	0	0	0	0	0	0.001	0	0	0
6	0	0	0	0	0	0	0	0	0.001
7	0	0	0	0	0.001	0	0.001	0	0.001
8	0	0	0	0	0	0	0	0.001	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0.001

average

Size	Time	timein mil
10	0	0
50	0	0
100	0	0
500	0	0
1000	0	0
5000	0	0
10000	0	0
50000	0	0
100000	0.000001	0.001



