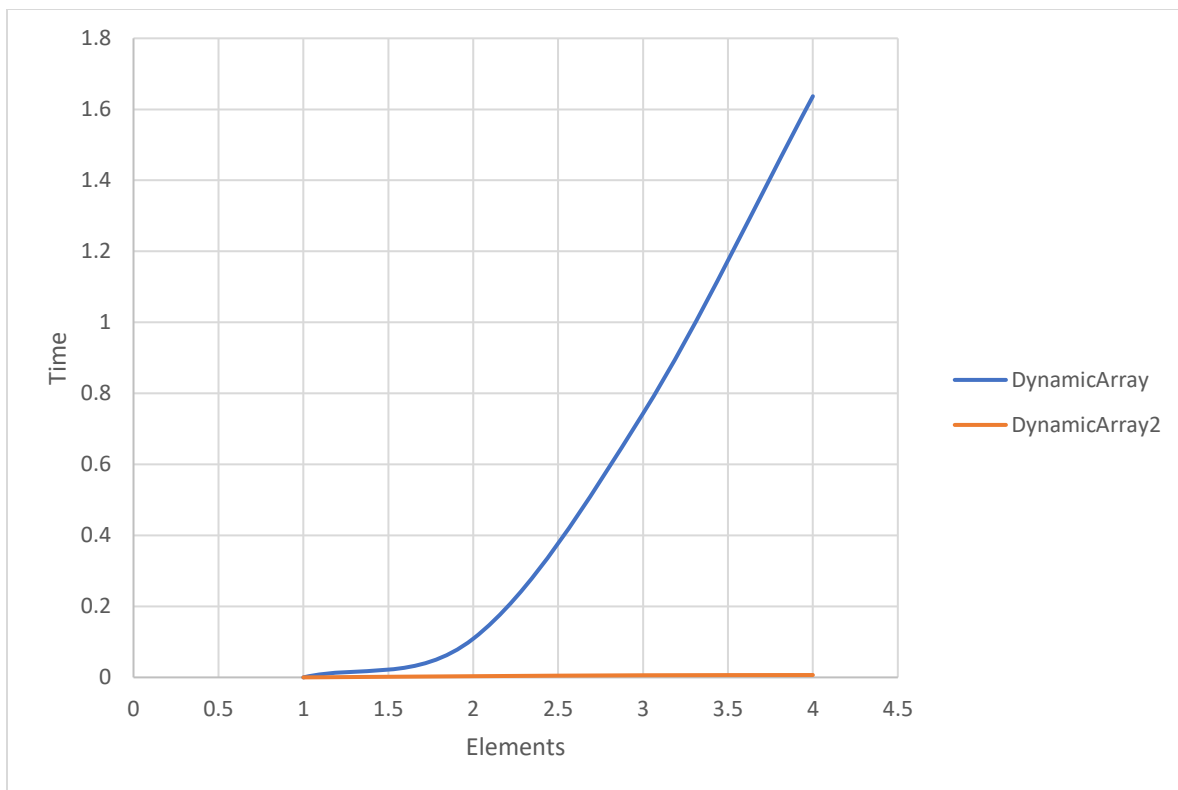


U1160160

Shirley Li

Elements	DynamicArray Time(sec)	DynamicArray2 Time(sec)
N= 10,000	0.108921183	0.003374065
N= 30,000	0.743386479	0.006016754
N = 50,000	1.636892387	0.006690737
N= 100,000	6.121168024	0.006496282



We can see obviously from the graph above, the slope of the DynamicArray is very steep; the slope of the DynamicArray2 is very flat, which means that the time of DynamicArray changes a lot by the change of elements number, and that the time of DynamicArray2 changes a little by the change of elements number. We can conclude that DynamicArray2 is more efficient than DynamicArray.