Assignment 1 – Part 2

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				/	Arraylist	Vectorlist	Array			
Α	dd Ele	ment	s in to list	: :	10.2851	14.4735	5.2158			
	Sum Elements				0.3363	3.8069	0.1328			
	Time use for testing Arraylist: 10.285052089916302 seconds									
Time use for testing Vectorlist: 14.473514385004759 seconds Time use for testing Originarray: 5.2158035632316 seconds										
Time	e use	for	testing	Sum	element	in Arrayl	ist: 0.	336303209 s	econds	
Time	e use	for	testing	Sum	element	in Vector	list: 3	.806941209	seconds	
Time	e use	for	testing	Sum	element	in Origin	narray: (9.132845667	seconds	

Base on the result shown above, The Vector list is slowest on both "Add element" and "Sum element" test and Original Array is the Fastest on all test. Although the result time very depends on computer efficiency but the speed relation between these 3 kinds of list will stay the same.

If designer need very high efficiency of program, the original Array will be the best chosen, but on the other hand, if the efficiency is not extremely high, the built function in arraylist and vectorlist can help more on coding. Depends on the situation, designer can choose wisely.