

Measurement Results 2

Algorithm	Measured Time	Comments	
Selection Sort	With AspectJ : 209,700 ms Without : 206,589 ms	%1,55 increased	Array of int (Size: 600,000), Randomly initialized
Merge Sort	With AspectJ : 4300 ms Without : 4100 ms	%5 increased	Array of String (Size: 600,000), Randomly initialized
Data Structure Operations	With AspectJ : 10109 ms Without : 10000 ms	%1 increased	A Stack and a Hashtable passed to function for completing 100,000,000 operations(push,pop for stack addition for hashtable)
Prime Number Detect	With AspectJ : 16700 ms Without : 16800 ms	%0,6 increased	5000 numbers detected if they are prime or not
Shell Sort	With AspectJ : 15300 ms Without : 14500 ms	%5,5 increased	Array of int (Size: 1,000,000), Randomly initialized
Pit Mining	With AspectJ : 130 ms Without : 140 ms	%8,3 increased	