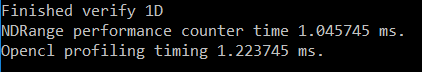
* Compare to SAXPY values obtained using Windows API performance counters. Explain difference

For 1D array



The opencl profiling timing is slower for 1D.



However the opencl profiling timing is faster in 2D. And it is because the opencl might have had optimized the 1D and the timing is off. On the 2D SAXPY, we can see that the Windows API performance counter counted for a longer time for the kernel. Because the windows API was measure the entire time to execute the kernel with a couple more if statements, while the OpenCL was measuring the enqueuer event only. Although they are different, they are similar.