Shashank - Lab Cache Pipelining

➢ What is the difference between the two functions (max1 and max2)?

■ There are not a lot of differences between max1 and max2, because both functions do is find the maximum number in the array, the 2D array it is, and they both display the same maximum value in the array, the only difference is the time to display the output.

➢ Do the two functions do the same amount of computation (do they perform the same number of operations)?

■ Two functions perform the same operations, but with different parameters for finding the maximum number in the array.

➢ Do you think the two functions will take the same amount of time to run? Do you think max1 will be faster? Do you think max2 will be faster?

■ No, the two functions display results at different times. Max1 displays results in less than half a second. But when it comes to Max2, it takes 4 times longer than Max1 taking around 2.5 secs.

Difference is speed due to numbers in the int arrays, in my opinion. For max1 we are comparing narrs to length of the array. For max2 we are the doing the opposite, for that it is delaying the num of iterations for max2.