

- Exercise 1: Run the given program for atomic addition and analyze the output of with and without atomic function

- Exercise 2:

- Write a CUDA program to find the max value in a list using atomicMax

- Create a list of size 900,000 and set the values from 1 to 900,000

- Write a CUDA kernel to find max from the list using simple comparison

- Eg. Let max = 0, if val > max, max = val

- Write a CUDA kernel to find max from the list using atomicMax

- Eg. Let max = 0, atomicMax(max, val)

- Check your output to ensure that atomicMax finds the correct max, that is 900,000