CUDA Program Three

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In this program I present a solution to Problem Set 3 from Udacity's *Intro to Parallel Programming* course. This program implements a parallel algorithm for Building a histogram and cumulative distribution function given an array of values. All modified functions are in the *student_func.cu* file. For this assignment I used a one-dimensional kernel with 1024 threads to increase the legibility of the program. Execution time through the Udacity interface was around 2.4 ms.