Introduction to CUDA Parallel Programming Homework Assignment 4
Due 2020/04/14

1. Write your own CUDA code for finding the dot-product of 2 real vectors with N-GPUs, which generalizes the 1-GPU code in twqcd135:/home/cuda_lecture/vecDotProduct/vecDot.cu
   Test your code with 2 GPUs, using random vectors of size 40960000 elements generated by the routine RandomInit. Also, determine the optimal block size and grid size for this problem.

   As usual, your homework report should include your source codes, results, and discussions. The discussion file should be prepared with a typesetting system, e.g., LaTeX, Word, etc., and it is converted to a PDF file. All files should be zipped into one gzipped tar file, with a file name containing your student number and the problem set number (e.g., r05202043_ps4.tar.gz). Please send your homework from your NTU email account to twchiu@phys.ntu.edu.tw before 24:00 of the due date.