HW4   Tao   Chen

1. Let the dimension of the matrix be 10240×10240.
then:

Server	bandwidth (GPU)
cuda 1	19.8 GB/S
cuda 2	24.3 GB/S
cuda 3	13.4 GB/S
cuda 4	12.4 GB/S
cuda 5	8.0 GB/S

The code file is   gpu_matvec.cu

2 The code file is gpu_jacobi.cu

when the dimension of the matrix is 128×128,

    CPU : 0.07 s   GPU : 0.004 S

3. I have written the serial codes for our algorithm
in C++, the work left to do is to add "openmp"
to our codes and run some results to compare.