

- No "Collaborative" effort allowed. Students are expected to work themselves.
  - Its okay to discuss, but not okay to share code or ask others to code for you!!!
  - *Severe penalty for academic dishonesty.*
1. Create two matrices, A and B, each of size  $(N \times N)$ . Write a CUDA or OpenCL (choice is yours) for computing  $C = AB$ . Report the times taken for the codes. Vary the size of the problem from  $N = 100 \dots 10000$ . Also report the specifications of the computer you are running this on. Also specs of the GPU (if any).
  2. Choose A and B to be same as HW 2.
  3. Submit your code and a report.