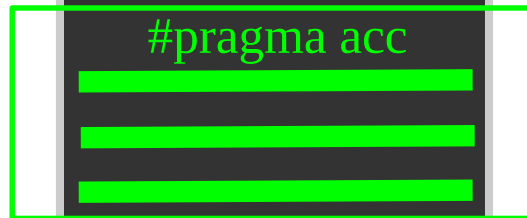


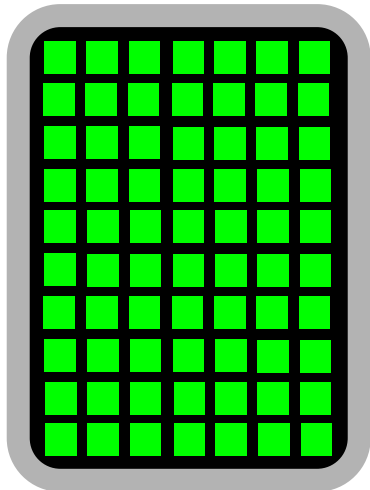
Application Code



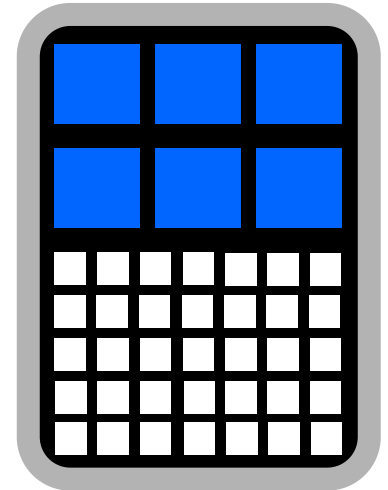
Compute-Intensive function  
Generated parallel code for GPU

Rest of sequential  
code

GPU



CPU



Offload computation

PCI Bus

GPU Memory

Transfer Data

CPU Memory