Final Project for PP

DUE Dec1 5pm

1. You did get the code for the Heat Transfer simulation that uses a Stencil/Convolution code on the GPU not using shared memory. Your job is to re-create this function but using shared memory
2. Upload to polylearn a Project Document :
   1. Code for the Shared Memory Function
   2. Screen capture of the code running
   3. You also did “LAB10.pdf” from the Computer Graphics class so add the answers for that project also here (to this document )

Note to compile the code on lab machines:

/usr/local/cuda-9.0/bin/nvcc -o heatsim -lglut -lGL heat.cu