For this assignment check out the code using: cd ~ svn co https://svn.ece.lsu.edu/svn/gp/hw/hw2

The solution to Homework 2 is in files starting with "sol". For this assignment modify the "sol-" files.

Problem 1: The Homework 2 solution in routine sol-kernel.cu:stencil_shared_2 does not access shared and global memory efficiently. As a result it runs more slowly than stencil_shared, the problem is worse with larger values of R.

Fix the problem in routine stencil_shared_3.

Note: The code was updated Saturday at about 18:25 (r272). Use that version, the version checked in Friday night is more tedious to work with.