

CS 2500, Spring 2014

Problem Set 9

Due date: Tuesday, March 18 @ 7pm

Programming Language: Intermediate Student Language with Lambda

Finger Exercises: HtDP/2e 229, 230, 231, 235

You **must** follow the design recipe. The graders will look for data definitions, signatures, purpose statements, examples/tests, and properly organized function definitions.

Revise your Missile Defense project. Be sure to fix any and all problems that your graders have (or would have) discovered. Next, you are to use local and "loops" (abstractions such as map, foldr, filter, *etc.*) wherever your functions may benefit from them, especially for the lists of objects in your project.

You should notice that the length of your program decreases considerably.

You have a new partner so you actually have two different code bases from which you can start. You are free to pull code from both.