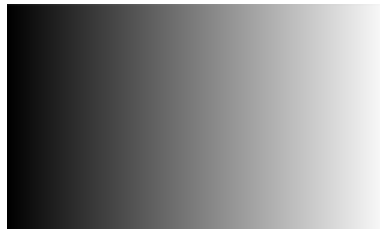**CMSC 117: Introduction to Computing: Interactive Systems**
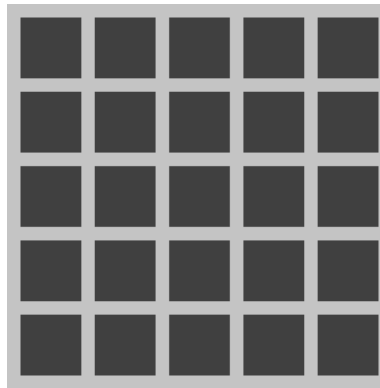# Assignment 4: Multiples
Due by Class (1:30pm) March 3, 2016

This assignment has two parts. You should create two sketches:

GRADIENT: Create a 256x256 sketch window that displays a color gradient using a series lines or rectangles. Use a while loop.

HERMANN'S GRID: Create a sketch that recreates the Hermann's illusion using for **loops**.

EXTRA: Use an image rather than a rectangle (try randomly `tint()`-ing the image)

Learning Objectives

- Design loops.
- Use `for` and `while` loops.

Deliverable

Submitting your assignment:

1. Put a comment at the top of your programs with your name, assignment description, collaboration statement & date.

2. Bring a hardcopy of your program (i.e., the source code) to class.