1. (0 points) What is your name? Write it clearly. Staple your HW. When is the midterm (give Date and Time)? If you cannot make it in that day/time see me ASAP. Join the Piazza group for the course. The codename is cmse858.

2. (0 points) (THIS WILL MAKE MORE SENSE AFTER THURSDAYS LECTURE- I HAVE NOT POSTED THE PAPER YET.) I will post a paper that you should READ. This is an experiment in having a Flipped Classroom. There will be a short QUIZ on it on Tuesday April 2. Quiz is open notes- you can bring the paper and/or a laptop. (NOTE- The paper is an easy read and the quiz will be easy.)

3. (50 points) Show that for all 2-colorings of the $5 \times 5$ grid there is a rectangle with all four corners the same color.

4. (50 points) Show that for all 2-colorings of the $3 \times 7$ grid there is a rectangle with all four corners the same color.