CS373 Assignment 2

Due: Friday September 8

You will be graded on the clarity of your explanations as well as correctness. Unless otherwise noted you will need to explain your reasoning, including the calculations, that led to your answer.

You may work together on homework. You should, however, individually write what you hand in, acknowledge your collaborators, and only hand in work that you understand.

The following format is required: (1) 8 1/2” × 11” paper with no rough edges, (2) arrange problems in the order assigned, (3) put problem numbers in the left margin and use the entire width of the page, (4) pages must be stapled together, and (5) put your name and the assignment number at the top of first page.

Problem 1. Do exercise 1.2. You need to describe the polygons and how they would be used to approximate the sphere; a neat sketch would be helpful.

Problem 2. Do exercise 1.3. It is okay to use recursion, but remember you must have a stopping criteria!

Problem 3. Do exercise 1.8. Assume that one pixel requires four bytes of memory.