

**All students** should read the first portion of chapter 8 up to but not including) §8.4 in preparation **for this assignment**.

Distribute the following questions across the members of your group. You will share your solutions (and most importantly the *method* of your solutions) during the next lecture period. Divide up the questions so that **each** question has at least two solutions from different group members.

1. Page 336, question 2
2. Page 336, question 3
3. Page 337, question 11
4. Page 339, question 16
5. Recall the lecture or reading discussion concerning namespaces. This [little blurb](#) on the wisened Internet explains the effective limit of "Standard C" identifiers is 31 characters. Back in the day of 640K or less computers (yes, that's a **K**) and at most 32 bit machines (`short ints` were 16 bits); developers squeezed every last nibble out of machine memory.

Speculate: how many possible identifiers could be supported by a single `source.c` compilation? Consider a very pessimistic low estimate as well as an estimate of the maximum number.