

HW#5:

1. **Exercise 8-12 (Pg 312):** This question is asking you to solve a new problem using dynamic programming. You'll need to follow the standard dynamic programming steps I've outlined in class several times. We'd like to see
 1. some description of the "recursive idea"
 2. the recurrence relation
 3. the table that you will use to store partial results and
 4. the DP algorithm itself
 5. the traceback step.

 2. **Exercise 8-14 (Pg 313).** Another dynamic programming question. Notice that this is not an optimization problem.
- (Both questions are harder than usual, you'll want to get started sooner rather than later.)