

CSC 165

another problem

week 10, lecture 2

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recall. . .

Progress: several promising episodes. You can see two on the bulletin board. Advice: read posts on how to understand problem *first*.

Suppose you're given the list:

37	93	0	23	79	65	49	81	67	8	32	29	96	76	15	9	51	14	29	69
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Can you find one or more longest non-decreasing sequences?

For example, 37, 93, 96 is a sequence that's non-decreasing, but you can easily find longer ones.

Sequences are ordered, but need not be contiguous

new problem: free lunch

Be sure to articulate the problem statement and plan *first*

If you think you've solved it, tackle the extension.

test 2

coverage: proofs of the style of chapter 4 and 5

preparation: assignment 2, lecture slides, tutorial exercises

form: 50 minutes, no prove/disprove conundrums

I owe you: today's annotated slides *done*