

Homework E

- **Due: Tuesday, February 9, before class**
- Please refer to the syllabus for homework policies. (Points of interest include late policies, typesetting, collaboration, extra-credit stuff...)
- If you explicitly do not want your submission to be considered as a solution key, please state so clearly at the top of your submission. If you explicitly want to remain anonymous (if selected), please state so clearly at the top of your submission.
- If you use dynamic programming in your solution, please address the steps outlined in the typed notes.
- There are also some online problems on Gradescope, to be done individually and due at the same time as this word problem. (Note that there is no late policy for these problems.)
- If the algorithms in this lecture were new to you, then we recommend the exercises from Chapter 8 (e.g., exercises 2, 3b, 4, and 5) and Chapter 9 (e.g., exercises 4 and 5) of Jeff's notes as warmup.
- There is no need to include your PUID on the submission thanks to Gradescope; it actually makes it a little trickier for us when putting out solution keys.

Problems

1. Exercise 2 (on walks containing prescribed subsequences) in the typed notes.