

CP2 : Reading Material II

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1 Introduction to Dynamic Programming

Reading Material

Read chapter 13 of the third edition of Introduction to Algorithms (by Cormen et al).

Exercises

Do as many of the attached exercises as you like. The idea is not to solve them all (some are quite hard); it is merely to get comfortable with the notion of dynamic programming.

If you're already familiar with this area, you may want to skip ahead and move to the other sections.

2 Some non-trivial tricks

Reading material

Read [this post](#) to learn some fancy tricks. The last trick is a little hard to see, so you may skip it.

Exercises

Solve the problems left as exercises in the post. Note that this is not very easy; please ask on backpack discussions (or read editorials) if you get stuck.

3 Some more optional things

Read about various optimizations [here](#), and solve problems in the post/comments.

Remember to have fun!