

Homework 7

- Due 11:59PM on March 27.
- Please be aware of appendix [I.5](#) (in the syllabus) regarding homework policies.
- Many problems can be solved by “identifying the right subproblems” or “changing the input”, which may be counterintuitive.
- Before submitting, we encourage you to ask yourself, *Is this really the simplest way to solve the problem? Is this really the clearest way to explain the solution?*
- There are also multiple choice questions on Gradescope.

1. Exercise [16.6](#)
2. Exercise [17.3](#)
3. Exercise [18.3](#) and exercise [18.4](#) as a single exercise.²
4. (Optional challenge, just for fun) Have a nice spring break!

²Really we wanted to assign exercise [18.4](#), but we need exercise [18.3](#) to do it.