

Reflection (0.5 pts)

Please answer the following questions in a file named **reflection.pdf** in your **answers/** directory. Answer briefly, but in enough detail to help you improve your own practice via introspection and to enable me to improve Principles of Software in the future.

- In retrospect, what could you have done better to reduce the time you spent solving this homework?
 - What could we, the teaching staff, have done better to improve your learning experience in this homework?
 - What do you know now that you did not know before beginning the homework?
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- I should have better prepared myself on the content of the homework as I had to go back and forth from notes from the lecture to make sure I understood what the questions in the homework was asking me. It took some time to learn the Dafny documentation which I took a lot of time I should have been using to do the homework. Instead it would have been better if I familiarized myself with Dafny first before starting the homework.
 - I think the only improvement to this homework is to clarify all typos in the given latex files or create a latex file without any typos. Due to this I just ended up creating my own template which did take some time.
 - I understand Dafny documentation better now and how loop invariants and how decrementing functions work now. I also got some practice on how to prove these conditions using computational induction.