

CS340 Analysis of Algorithms Fall 2023

Homework:	1	Professor:	Dianna Xu
Due Date:	9/14/23	E-mail:	dxu@cs.brynmawr.edu
Office:	Park 203	URL:	http://cs.brynmawr.edu/cs340

You should give formal proofs if at all possible, or at the minimum, give strong arguments. Rigorous proofs can be difficult to write and digest in the beginning, so you are encouraged to use intuition and give examples/illustrations whenever appropriate.

Consult the **algorithm write-up guidelines** on the course website before proceeding.

1. Problem 1.4. Problem 1.4 should have a full Algorithm Write-up according to the guidelines on the website.
2. Problem 1.8.

This homework is shorter than future homeworks will be - please use the extra time to try to do a really good job with the write-up. **Please hand in your assignment electronically on Moodle.**