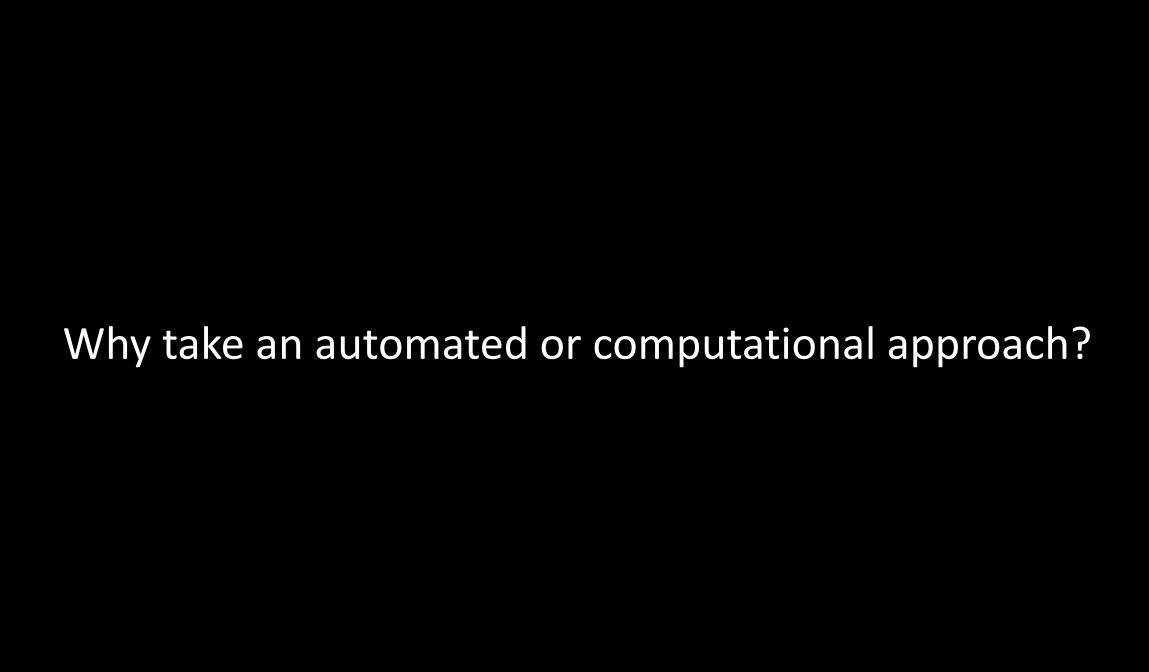
## A Computational Approach



## Main Lessons

- Borrow, borrow, and borrow again.
- The correct language to learn is the one that works in your local context.
- Consider the role of programming in professional development.
- Knowing (even a little) code helps.
- Automate to make time to do something else!

Why automate?

## HOW LONG CAN YOU WORK ON MAKING A ROUTINE TASK MORE EFFICIENT BEFORE YOU'RE SPENDING MORE TIME THAN YOU SAVE? (ACROSS FIVE YEARS)

		HOW OFTEN YOU DO THE TASK						
		50/ <sub>DAY</sub>	5/DAY	DAILY	WEEKLY	MONTHLY	YEARLY	_
HOW MUCH TIME YOU SHAVE OFF	1 SECOND	1 DAY	2 Hours	30 MINUTES	4 MINUTES	1 MINUTE	5 SECONDS	
	5 SECONDS	5 DAYS	12 HOURS	2 HOURS	21 MINUTES	5 MINUTES	25 SECONDS	
	30 SECONDS	4 WEEKS	3 DAYS	12 HOURS	2 HOURS	30 MINUTES	2 MINUTES	
		8 WEEKS	6 DAYS	1 DAY	4 HOURS	1 HOUR	5 MINUTES	
	- PAUL 11 F. 71	9 MONTHS	4 WEEKS	6 DAYS	21 HOURS	5 HOURS	25 MINUTES	
	. 74 1 1 1111111111111111111111111111111		6 MONTHS	5 WEEKS	5 DAYS	1 DAY	2 Hours	
	1 HOUR		IO MONTHS	2 MONTHS	10 DAYS	2 DAYS	5 HOURS	
	6 HOURS				2 MONTHS	2 WEEKS	1 DAY	
	1 DAY					8 WEEKS	5 DAYS	
					·			

'Is it worth the time?' by Randall Munroe available at <a href="https://xkcd.com/1205/">https://xkcd.com/1205/</a> under a Creative Commons Attribution-NonCommercial 2.5 License.

Exercise: Is there something you would like to automate in your work?