

Why Does Big O Matter?

- Provides a way to talk about the efficiency of algorithms (broadly described as their *runtime*)
- Allows us to judge what exactly makes an algorithm faster, slower, and more or less space efficient than a similar algorithm
- Which means we can make better programming decisions!

How Though?

- Big O Measures *time complexity (runtimes)* and *space complexity* in a given algorithm
- Big O Notation is written according to its performance in the *worst case scenario*