

Outline

- What is Big-O
 - A theoretical measure of the execution of an algorithm, usually the time or memory needed, given the problem size n , which is usually the number of items.
- Key Points
 - Big-O is normally the worst case in time
 - The Biggest Big-O Trumps others
 - When calculating you drop constants
 - Drop less significant Big-O
- How to find Big-O
 - Add together a sequence of statements
 - Take the max of if else statements
 - Count your loops
- Common Big-O Notations and how they Compare

