**General Tips**

Use good, simple examples to solve a question.

* It makes it easier to develop a solution
* Careful about using special / edge case examples
* Keep your example as simple as possible, to reduce the amount of time finding bugs
* Starting off with a brute-force solution is okay. It can be optimised after.

**Behavioural Questions (skipped)**

**Big O – This must be mastered**

Big O describes the asymptotic behaviour of functions. It tells us how fast a function grows or declines.

* O(1) = constant
* O(logn) = logarithmic
* O(logn)C = polylogarithmic
* O(n) = linear
* O(n2) = quadratic
* O(nC) = polynomial
* O(cN) = exponential