

Critical Reflection : Week 4 : Task A

For this Task we went over the concepts of Complexity and the Big(O) notation. Although seemingly obvious - the more we saw how the complexity could increase exponentially just by using a simple nested for-loop made the application of this concept apparent. The graph to show the complexity was also impactful to the Understanding. The *part 1* was quite simple once the theory was understood.

This week we also looked at some search and sort algorithms for which I have to say the university Lecture powerpoint documents were visually very effective. One look through them and the conceptual understanding was ingrained. From there coming up with the pseudocode and then the code was simple enough. The task after everything we worked with in the past weeks was a breeze. My biggest take away from this week was being able to understand the concept enough to have the confidence to be able to apply this irrespective of the language.