DSA in cpp:  
link: https://www.geeksforgeeks.org/learn-dsa-in-cpp/

Data Structures and Algorithms (DSA) are fundamental parts of computer science that allow you to store, organize, and process data in ways that maximize performance.

C++ is a powerful and high-performance programming language used for system/software development and game programming. Learning DSA in C++ instead of any other language have many advantages such as:

* **Memory Management:**Learning DSA in C++ gives you a deep knowledge of lower-level memory management which improves your understanding of data structures.
* **Versatile**: Knowledge of DSAin C++ is versatile and can be transferred to other languages, as many modern languages are built on similar syntax.
* **Competitive Programming:**C++ is widely used in competitive programmingdue to its speed and rich set of libraries allowing you to take an edge is problem-solving.
* **Object Oriented:** C++ allows you to implement data structures as classes, making your code closer to the real implementations of data structures.

**Asymptotic Analysis of Algorithms**

Asymptotic analysis of algorithms is a method used to evaluate the performance and efficiency of an algorithm. It evaluates how the execution time or memory requirements of an algorithm grow as the input size increases.