Unordered\_map

Internally unordered\_map is implemented using [Hash Table](https://www.geeksforgeeks.org/hashing-set-1-introduction/), the key provided to map is hashed into indices of a hash table which is why the performance of data structure depends on the hash function a lot but on average, the cost of **search, insert, and delete** from the hash table is O(1).

***Note:****In the worst case, its time complexity can go from O(1) to O(n), especially for big prime numbers. In this situation, it is highly advisable to use a map instead to avoid getting a TLE(Time Limit Exceeded) error.*

