**Day 37/180 Vector in C++**

* Prove that the average time Complexity of Push\_back operation in Vector is O(1) time.
* How to find the number of Occurance of an element in a vector. You need to use STL here.
* How to find maximum and minimum elements from the vector. USE STL here.
* Find Lower bound and Upper Bound of a given element in a sorted vector. USE STL here to find them.
* How to pass a vector to a function. Write a small code for it.