Week 1

Topics covered

1-Time complexity

-Big/small O

-Big/small theta

-Big/small omega

2-STL

-vector

-map

-unordered\_map

-set

-unordered\_set

-stack

-queue

-algorithm

-priority\_queue

3-Sorting

-Bubble sort

-Insertion sort

-Selection sort

-Merge sort

-Heap sort

-Quick sort

-Counting sort

4-Hashing

-Theory

5- 9 random questions in hackerrank

-Vector sort

-Vector erase

-Inherited code

-Exceptional server

-Box it!

-Cpp exception handling

-Message order

-Accessing inherited functions

-Operator overloading