Week 2 : String, Time Complexity and STL

Resource for Time complexity -
https://www.geeksforgeeks.org/understanding-time-complexity-simple-examples/

Questions for String -
1. Palindrome - https://leetcode.com/problems/valid-palindrome/
2. Anagram - https://leetcode.com/problems/valid-anagram/
3. Roman to Integer - https://leetcode.com/problems/roman-to-integer/
4. Excel Sheet Column Number - https://leetcode.com/problems/excel-sheet-column-number/
5. Excel Sheet Column Title - https://leetcode.com/problems/excel-sheet-column-title/
6. Integer to Roman - https://leetcode.com/problems/integer-to-roman/

Resources for STL -
1. https://www.youtube.com/watch?v=g-1Cn3ccwXY&t=4s
2. https://www.topcoder.com/community/competitive-programming/tutorials/power-up-c-with-the-standard-template-library-part-1/
3. https://www.topcoder.com/community/competitive-programming/tutorials/power-up-c-with-the-standard-template-library-part-2/

Questions for STL -
1. https://codeforces.com/problemset/problem/782/A
2. https://codeforces.com/problemset/problem/22/A
3. https://codeforces.com/problemset/problem/704/A
4. https://codeforces.com/problemset/problem/4/C
5. https://codeforces.com/problemset/problem/546/C
6. https://codeforces.com/problemset/problem/799/B
7. https://codeforces.com/contest/733/problem/D
8. https://codeforces.com/problemset/problem/1180/c
9. https://codeforces.com/contest/1225/problem/B1
10. https://codeforces.com/contest/1225/problem/B2

Difference Array

Resource -
https://www.geeksforgeeks.org/difference-array-range-update-query-o1/

Questions on Difference Array -
1. https://www.hackerrank.com/challenges/crush/problem
2. https://www.codechef.com/problems/ZOMCAV
3. https://www.codechef.com/problems/DESTCELL