<u>TCP Week 1</u>

Introduction-

Syntax, Analysis of Algorithms, Asymptotic Notation, Time Complexity, Space Complexity, Implementation.

Time complexity Tutorials and Questions :-

https://www.interviewbit.com/courses/programming/topics/time-complexity/#problems

Estimating time complexity be seeing the constraints : -

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

https://codeforces.com/blog/entry/21344

Getting started in competitive Programming :-

link - youtube

link - hackerearth

Problems:-

1. https://www.hackerrank.com/challenges/c-tutorial-conditional-if-else/problem
2. https://atcoder.jp/contests/abc214/tasks/abc214_a
3. https://www.codechef.com/problems/DIFFSUM
4. https://www.codechef.com/problems/FLOW013
5. https://codeforces.com/problemset/problem/4/A
6. https://codeforces.com/problemset/problem/231/A
7. https://codeforces.com/problemset/problem/1520/B
8. https://www.hackerrank.com/challenges/handshake/problem
9. https://atcoder.jp/contests/abc214/tasks/abc214_b
10. https://leetcode.com/problems/fizz-buzz/

Resources for upcoming topics :-

1. Array - c++
2. Array - java