**Array and Hashing:**

**Question 1: 392. Is Subsequence**

1. Two Pointers and Greedy
   1. We main a pointer of i and j for s and t respectively
   2. When we match a character from t, we move i pointer forward
   3. If i is able to reach the end, we know s is subsequence of t
   4. Time complexity O(m)
   5. Space complexity O(1)

**Tree:**

**Diagram

Description automatically generated105. Construct Binary Tree from Preorder and Inorder Traversal.**

**Graphs:**

1. A picture containing diagram

   Description automatically generated**200. Number of Islands**

A picture containing diagram

Description automatically generated

**2. 133. Clone Graph**Diagram, timeline

Description automatically generated

1. Diagram

   Description automatically generatedText

   Description automatically generated**207. Course Schedule:**

Diagram

Description automatically generated

**Bit Manipulation:**

A screenshot of a computer

Description automatically generated with medium confidence**Problem 1:** **338. Counting Bits:-**