RECURSION :

The process in which a function calls itself directly or indirectly is called recursion and the corresponding function is called a recursive function. Using a recursive algorithm, certain problems can be solved quite easily. Examples of such problems are Towers of Hanoi (TOH), Inorder/Preorder/Postorder Tree Traversals, DFS of Graph, etc.

Day 1 and Day 2:

[Try it in your own pace, but within 2 days :)]

First, complete all the problems given in link 1. That will be more than sufficient to get comfortable with recursion.

1. **https://leetcode.com/explore/learn/card/recursion-i/**
2. https://practice.geeksforgeeks.org/problems/recursively-remove-all-adjacent-duplicates/0
3. https://practice.geeksforgeeks.org/problems/print-pattern/0
4. https://practice.geeksforgeeks.org/problems/handshakes/0
5. https://practice.geeksforgeeks.org/problems/express-as-sum-of-power-of-natural-numbers/0
6. https://practice.geeksforgeeks.org/problems/sum-string/0
7. https://practice.geeksforgeeks.org/problems/combination-sum/0

Other materials (if you are interested):
- **https://leetcode.com/explore/learn/card/recursion-ii (I'd recommend it for placement prep)**
- https://www.geeksforgeeks.org/all-possible-binary-numbers-of-length-n-with-equal-sum-in-both-halves/
- https://www.geeksforgeeks.org/generate-binary-strings-without-consecutive-1s/
- https://www.geeksforgeeks.org/print-increasing-sequences-length-k-first-n-natural-numbers/
- https://www.geeksforgeeks.org/reverse-a-stack-using-recursion/
- https://www.geeksforgeeks.org/find-middle-singly-linked-list-recursively/
- https://www.geeksforgeeks.org/powet-set-lexicographic-order/
- https://www.geeksforgeeks.org/generate-all-possible-sorted-arrays-from-alternate-elements-of-two-given-arrays/
- https://www.geeksforgeeks.org/generate-passwords-given-character-set/