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Amazon Interview | Set 121 (On-Campus for SDE-1)

- Last Updated :\n24 Jun, 2019

5-quant, 15 technical, (no verbal reasoning and English).

1) [Given 2 binary trees check if it is symmetric (structure only not data)](#).
2) Remove duplicates in a string in O(n) time (order of input must be preserved)

Round-1
1. Heaps-insertion.
2. Advantages of heaps over arrays.
3. [Find 2nd min element from given array](#)
4. [Given an array and a sum s find all pairs of numbers which whoose sum=s](#)
(assume array is already sorted)space complexity-O(1),time complexity-O(n)

Round-2
1. [Given a tree construct a mirror tree and return root of mirror tree.](#)
2. [Level order traversal of a tree.](#)
3. [Given a stack output a sorted stack.](#)(hint use recursion).

Round-3
1. [Given a tree populate the sibling of the tree node with the next node in same level](#).space complexity-O(1).
2. What happens when you type amazon.com in browser.

Round-4
1. Linked list problem:[Intersection Point in Y Shapped Linked Lists](#)
https://www.geeksforgeeks.org/write-a-function-to-get-the-intersection-point-of-two-linked-lists/
2. A simple problem in linked list.

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[All Practice Problems for Amazon](#) !

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