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Microsoft Interview experience | Set 115 (4 Years Experienced for IDC)

- Difficulty Level : \n[Hard](#)
- Last Updated : \n13 May, 2017

1st Round :

- 1) <https://www.geeksforgeeks.org/maximum-product-subarray/>
- 2) <https://www.geeksforgeeks.org/sort-an-almost-sorted-array-where-only-two-elements-are-swapped/>
- 3) Delete all nodes whose value is greater than K

2nd Round (1 hr 30 mins)

- 1) Clone a Binary Tree
- 2) There is a rack of shelves having balls of red and blue in each row . Retrieve all identical rows.
- 3) There is a rack of shelves having balls of red and blue in each row . Retrieve all unique rows.
- 4) How u will remove duplicates in an stream of Integers
- 5) What Data structure you will use to identify unique elements and discard duplicates.

3rd Round (1 hr 30 Mins)

- 1) Given an Infinite stream of strings as AAAAABBBCCDDDEEEE How will you arrange characters so that string become unique without duplicates . Return true if it is possible to arrange else return -1. Ex . AAABBCCDEF O/p ABABCDCEF : Possible .
AAAAAAAAAAAAAAAAAAAAAB : Not possible

4th round

- 1) Given Co-ordinates of x and y in an input array Identify if square can be formed at any point of time via coordinates if so return true;
- 2) Given a Pre-Order Traversal of BST convert it into BST.
- 3) Identify Leaves of BST through Pre Order without constructing it.

It gave me a Lot of Learning to think out of Box. Thanks GFG .

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[All Practice Problems for Microsoft !](#)

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