**BJIT Junior Software Engineer**

**Interview Preparation**

Time= 1 Hour Questions = 5

1. Finding duplicates from two arrays
2. Write a program to implement linked list
3. Perform addition and subtraction of two huge integers
4. Write a function to remove the duplicate item in a linked list L where the head is given and return the list L.
5. Write a recursive function to output the digits in number N.

Example:

Input: 123

Output: 1 2 3

1. Write a function to check if the abbreviation is correct or not, where string E and string A is given.  
   Example:  
   input: two string  
   String E : "Bangladesh Japan Information Technology"  
   String A: "BJIT"  
   output: yes
2. Write a function to check palindrome using both stack and queue together. If it is a palindrome then output "yes" , otherwise "no"
3. Find the number of consecutive triplets in a given integer array A.  
   Example:  
   input: 3 2 4 5 8 9 10  
   output: 3  
   explanation: sorted : 2 3 4 5 8 9 10  
   now we can see there are 3 consecutive triplets. those are : 2 3 4, 3 4 5 & 8 9 10
4. Write a linked list implementation given some constraints such as palindrome
5. Given a string that contains words, check if there is any duplicate word
6. A problem related to Kadane's algorithm
7. MinHeap implementation
8. Given an integer n, find x and y such that x \* y == n and abs(x-y) is the minimum of all possible x, y.
9. Size of an array after removing duplicates.
10. Finding Redundant Words in a String.
11. Maximum sum of continuous subarray of length K
12. Stimulate the browser back button activity. Don’t use array/list.
13. Swap the head and tail of a linked list and return the list;

Example: 1->2->3->4 Output: 4->2->3->1