1) Given a string, find the number of uppercase alphabetical characters (A-Z).
   Input: HeLLoW0R1d
   Output: 5

   Static int (String str) {

   }

2) Write a recursive binary search algorithm that searches for a given target in a sorted array.
3) Given the definition of a linked list Node, return a string that concatenates all the values in the linked list except for the head and tail values using comma as a delimiter. Linked list is guaranteed to have at least 2 nodes, head and tail.
   Input: 1 -> 2 -> 3 -> 4
   Output: 2,3

   Class Node {
   int value;
   Node next;
   }

   Static String represent (Node head) {

   }
   **Be careful, you only have the definition of a Node class, use what you have, don't suppose we have any other built-in method. The argument given to the method, which is the head, contains pointers to all the other elements in the linked list (nothing new).

4) Implement a stack using an array
   Think of a problem that you can solve using this stack and solve it.
5) Traverse the binary tree
6) Given the definition of a binary tree Node, write a method that returns the height of a given node.
   Class TreeNode {
   Int value;
   TreeNode left;
   TreeNode right;
   }

   Static int height (TreeNode position) {

   }
   ** Use only the definition of a TreeNode, don't suppose we have other built-in methods.