1- Implement queue (all functions) using stack data structure with push and pop operations.

2- For a tree we have the following information. Write a code to construct the tree.
- Inorder sequence: D B E A F C
- Preorder sequence: A B D E C F

3- Write a program to find all keys of a tree in the given range.

For example, we have a following tree. If k1 = 10 and k2 = 22, then your function should print 12, 20 and 22.