

Task No 2

1. Create a binary tree with integer elements. Implement insert, search, print and delete operations and perform the following actions:

a. Insert the numbers that are in the interval $[a;b]$ the tree at the beginning of the deque implemented as a singly-linked list.

b. Insert the numbers that are in the interval $[0;a)$ from the tree at the beginning of the same deque implemented as a singly-linked list.

c. Remove all elements that are in the interval $(b;c]$ from the tree by input then to the queue implemented as a singly-linked list.

d. Remove all items from the deque and the queue by printing them on the screen.