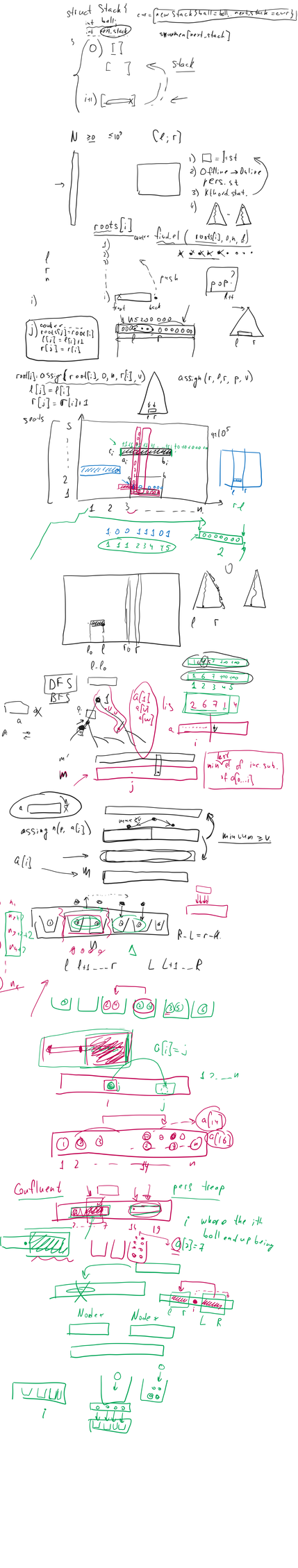
struct Stack{
int boll;
int* prev_stack
curr = {new Stack{stack.boll = boll, prev_stack = curr}}
stack
N ≥ 0 ≤ 10^9 (l; r)
1) □ = 1st
2) O-Offline → O(1) line
pers. st
3) K(k) ord. stat.
4)
roots[i]
cover find_el (roots[i], 0, n, l)
push
pop
front
back
root[i]. assign(root[i], 0, n, r[i], v)
assign (r, l, r, p, v)
roots
q: 10^5
1 2 3 ---- n
1 0 0 1 1 1 0 1
1 1 1 2 3 4 5 5
2
0
l0 l r0 r
l-l0
DFS
BFS
lis
a[i] a[j] a[w]
m'
m
j
i
min val of inc sub. of a[0...i]
assign n(r, a[i])
max 5
min val ≥ v
a[i]
R-L = r-l.
l l+1 ---- r
L L+1 -- R
a[i] = j
1 2 ... n
a[14]
a[16]
Confluent
pers treap
i where the ith boll end up being
a[3] = 7
Noder
Noder
l r
L R
i