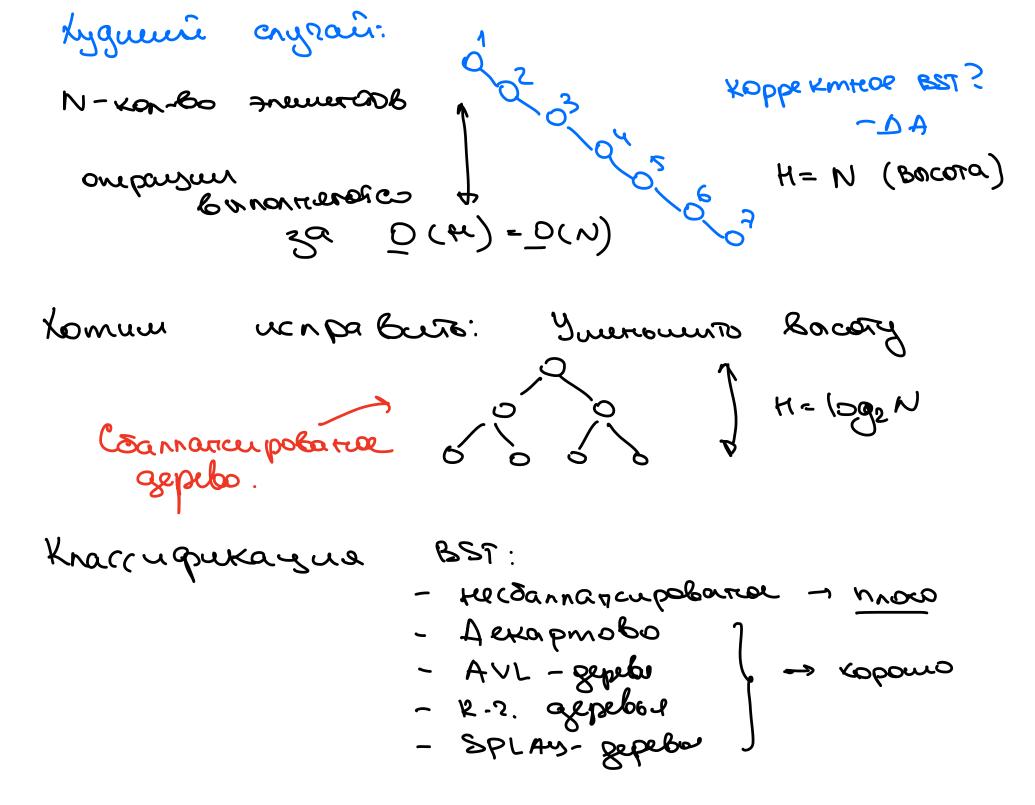


Oup Nymo 6 Depube - rasop sepuny, komopine creggior gpys za gpyson (no prespan) OND BUMAPROR gepebo noucka (Binary Lorch Toll) - 3mo compyking pa garrage, progonal re rouser "cosos apres ou "cosos uses us y 3 nos u "cosos " moi bin-as chosembai → Y V - Bepururer re Some 2x "ggren" (cue metal x ) > V. left < S noggepebbe V.right > V nound OD WHOKO BODX

De venere na konnaveren : canin bapon ) rudes: viorsosperiore rusmes sol Wemago: - find Mac() - find Min () - remove Max () - remove Min() nbolonber uamicons - Search () zravereur 6 BST dega present traverens p - Abaman Russa B BSI Remove () H -60 coma gepeba Makcumanoras avutra



## Arropu Thur

struct Nade 2 value; Nocle\* left = null ptr; Node\* righ = nullptr; 11 onquoreanous // Node \* parent = null ptr: 11 pagurene. Lind Max (Node\* current) 2 current - right != nullptr; b return find Max (current-right); NHAYS current +value;

find Max (Node\* root)?

Node \* runner = root;

while (runner = right! = nullptr)?

nunner = rinner = right;

return runner = value;

3

Nouck KNYOCO Anopum Search (Key, Noole\* node)? econ node == nullett -> naturn tole Keny == node -> value L return true 11 return node; & TONGKO key > node + value: H return Dearch (Keus, node-night) urare een key 2 node 7 value; b ruturn Search (key, node 1kft)

Doδa Breruse muserima

Push ( ley, Node\* node )?

Reru node = = vullptr

ecru ley = = node = volu;

return true

ecru ley > node = valu;

echu node - right == null ptr:

nuv-node = nuv Node:

nuv-node - value = key

" nuv-node - parent = node

node - right = nuv-node

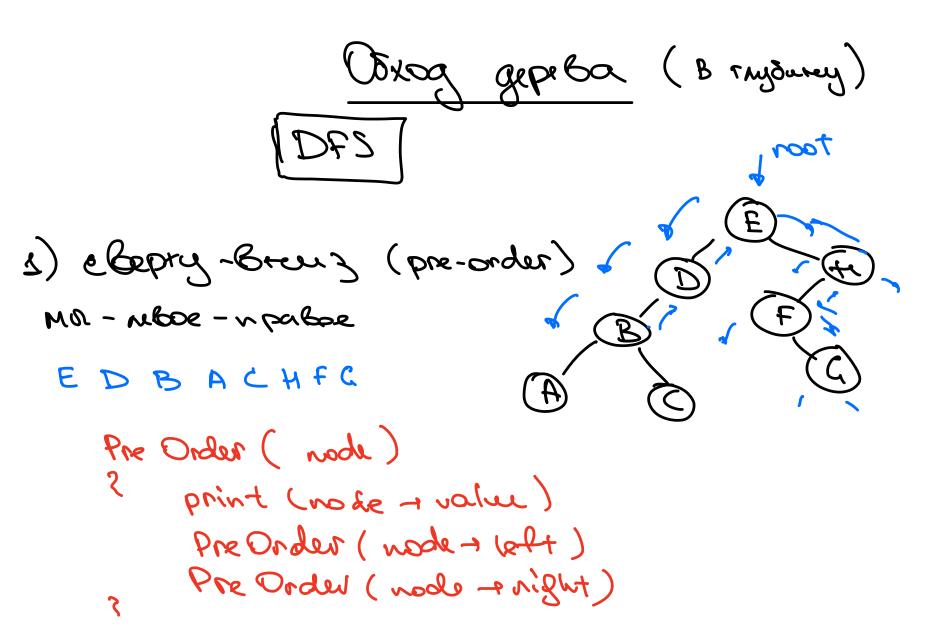
nexurn thue;

WHOM return Push (key, node - right); key a node rualue: aranountro Januar muuerma node = Search (key) - nou Bastull 1. Yearner mora -ygamis parent -> ma = mulliph Jarren Rebruser c oprem begetikon - ygamito parent - MEZ = MR - peserone 3. Garmen bepunser c abyen geronn night = node - night del\_val = remove Min ( vight)

node - value = de1 - value; remove Min ( Key, Wode\* node )? Node \* runner = root; while (runner > left! = nullptr)? number = number - left; nonner - pièr = = ~ nolletr: RCNU b runny-parent -> left = nullptr; value = runner - value; delete runner return value parent whore runner + parent -> lest = nunner a right! value = runner a value;

delete runner return value

9



2) Post-order (chuzy blupx)

reboe-npaboe -un

ACBBCFHE

3) In-order (chea-rangels)

Noc-no-npaboe

Departue BST
Ochodogus raners - Post Order obxag
delete node