DATE | PAGE 10) Delete and de drosse Key: (a) delote (H): Node + loinomial Hegp Delete (Nade *h, int val) ? if (I+ = ZNULL) Leturn NULL deoroesekey (h, val, INT_M/N); netion Extract Min BHeap (h); decrosely (H): void decressely (Node + H, int odd val, int new val) {

Node + node = find Node (H, old val); if (node zzNULL) node -> val = new_val; Node * parent = node -> parent; while (parent!= NULL && node -> val < parent -> val) swap (node -) val, parent +val);

node = parent;

parent = parent;

3 (c) Node * find Node (Node * h, int val) { if (h = ZNULL) return NULL) if (h) val = 2 val) retiren in h; Node + nes = find Node (h -) child, val);

if (res! 2NULL) return res]

retion find Mode (h) sibling , val)