Write a program to implement the following on a Binomial heap.

1 delete (H)

2. decrease key (H)

11 Function to decrease the value of an element

decrearkeyBHeap (Node *H, int old_val, int new.val.) {
Node *node = findNode (H, old_val);
11Node is not present

if (node == NULL)

return;

node -> val = new_val;

Node *parent = node -> parent;

while (parent != NULL & & node => val < prese val)

E 5wap (rode > val, parent > val);

node = parent;

parent = parent -> parent;

}

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/ Tunction to delote an element

Node *bidelete (Node *h, int val) {

if (h == NULL)

network NULL;

decreasetey BHeap (h, val, INT_MIN);

naturn extract Min B Heap(h);

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