~~ADS~~ ADS-Lab

MANU.N.Y
1BM18CS053

```
delete BHeap(Node *h, int val){
    if(h is NULL)
        return NULL
    decrease key BHeap(h, val, INT_MIN)
    return extractMinBHeap(H);

void decrease keyBHeap(Node *H, int old, int new)
    Node *node = findNode(H, old):
    if(node is NULL)
        return
    node -> val = new
    parent = node -> parent
    while(parent != NULL && node -> val < parent -> val)
        swap(node -> val, present -> val);
        node = parent
        parent = parent -> parent

//Function to delete an element from BHeap
Node * BinoDelete(node *h, int val){
    if(h==NULL)
        return NULL;
    decreasekeyBino(h, val, Int-min);
    return extractmin(h);
}

//Find node

Node *FindNode(node *h, int val) {
    if(h==NULL)
        return NULL;
    if(h -> val == val)
        return h;
Node *res = findNode(h -> child, val);
    if(res != NULL)
        return res;
    return findNode(h -> sibling, val);
}
```