LAB-11 :- Program-10:-

```
void decreaskey (Node *H, int old_val, int new_val)
{
    Node *node = findNode (H, old_val)
    if ( node == NULL)
        Return;
    node → val = new_val;
    Node * parent = node →parent;
    while (parent! = NULL && node → val < parent→val)
    {
        swap( node →val, parent →val);
        node = parent;
        parent = parent →parent;
    }
}


Node * binomialHeapDelete (Node *h, int val)
{
    if ( h == NULL)
        return NULL;
    decreasekey (h, val, INT_MIN);
    return extractMinBHeap(h);
}

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 → sibing, val);
}
```