

ADS Lab 6  
2-3 tree

func insert (h)

if no root:

root = newNode ();

root.keys[0] = h

root.n = 1

else:

if root.n == 3:

s = newNode ();

s.child[0] = root

s.split (child (0, root))

if s.keys[0] < h : i++;

s.child[i].insert (h)

root = s

else:

root.insert (h).

func delete (h):

int n = find (h)

if (i < n and key[i] == h):

remove (i)

else:

if i > n : child [i-1].remove (h).

else: child [i].remove ()