

ADS Lab 1
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 ()