ADS

func inscrt (value):

node = header;

node update = [MAX-LUL +1]

for i from level -so:

current = current · forward[i] y current

update [i] = current

current = current · forward[o]

if ! current on count buy ! = hey:
rlenel = random-livel()

if theret > level:

for i from level -> relevel:

level = relevel

node-n = Node (vlud, hy)

for i from o-sklud! node-u. forward[i] = up date [i]. forward[i] update[i]. forward = u June delete (hey): update = [None] * MAX-LVL+1 meent = header for i from level - 0: current = current. Jou and [i] update [i] = unent ament = ament. forward [o] ! ament or corrent. hey != hey: for i from o - s level +1 if update [i]. forward [i] != curet: update [i]. Jourand = curent. Joeward [i] while level > 0 and ! header. forward [level]: lend -= 1

dune search (lug): annet = header for i from level — o: while ament and ament. hey & huy: arrest = arrest. Jorward [i] couentt = count. Jourand to J if current and cornent. Ley = = huy: return hey.