```
(balance X-1 It key < node + nght + key)
& node + sight = night Rotate (node + Right
     retur left Rotate (node)
getuen rode
11 Deletion
Node* deleteNode (Node* root int key).
 if (root == NULL)
     setum soot
   if (key < root rleey)
  else if (ney > root rhey).
      root + right = delete Node (root - right, key
         if ((root + left == NULY) (200+ -> sight == NULL
        1 Nodet temp = root -> left? noot -> left: 2001 reight
            root= NUL
            1 root = * temp
            free (temp)
       else
      of Node thep = mintalue Node ( root reight.)
        root-they = temp-they root-tright, temp-they)
```

```
if (root == NULL)
200+ Theight = 1+ max (height (root Tleft), height (root reight)
 int balance = get Balance (root)
  if (balance 71 4f getBalance (root + left) >= 0

setum sightRotate (root)

if (balance >1 lf getBalance (root + left) < 0
        200t -> left = left Rotati ( root -> left)
             setuen sight Rotate ( 500t ).
        (balance <-1 Lt getBalance (500+ & sught) <=0

Return lettRotate (500+);

(balance \lambda-1 lf getBalance (500+ \facight) >0)
          2001-raight=sightRotale (root roight)
           setum left Rotale ( root )
    return goot
```