BST - Delete operation

TRANSPLANT- replaces the subtree rooted at node u with the subtree rooted at node v and node u's parent becomes node v's parent.

TRANSPLANT (T, u, v)

TREE-DELETE (T, Z)

if z.left == NIL

TRANSPLANT (T, z, z.right)

elseif z.right == NiL

TRANSPLANT (T, z, z.left)

else y=TREE-Minimum (z.right)

if y.p \$\delta z\$

TRANSPLANT (T, y, y. right)

Y.right = 2.right

Y.right.p = y

TRANSPLANT (T, z, y)

Y.left = z.left

y.left.p = y







