

21.2-1

MAKE-SET(x)

Set = Set()

node = Node(x)

Set.head = node

Set.tail = node

node.set = Set

Set.size = 1

END

FIND-SET(node)

representative = Node.set.tail

return representative

END

UNION(s_1, s_2):

if $s_1.size \geq s_2.size$:

bigset, smallset = s_1, s_2

else:

bigset, smallset = s_2, s_1

node = smallset.head

while node \neq NIL:

node.next = bigset.head

bigset.head = node

node.set = bigset

node = node.next

return bigset

END