C-9.1

Algorithm findAllElements(k, v, c):

Input: The search key k, a node of the binary search tree v and a container c

Output: An iterator containing the found elements

```
if v is an external node then
    return c.elements()
if k = key(v) then
    c.addElement(v)
    return findAllElements(k, T.rightChild(v), c)
else if k < key(v) then
    return findAllElements(k, T.leftChild(v))
else
    {we know k > key(v)}
    return findAllElements(k, T.rightChild(v))
```

Note that after finding k, if it occurs again, it will be in the left most internal node of the right subtree.