```
Algorithm isPermutation(A, B)
    if A.length != B.length then
        return false
    DA := new BST-Dictionary
    DB := new BST-Dictionary
    countElements(A, DA)    // helper function like votes
    countElements(B, DB)
    iterA := DA.items()
    iterB := DB.items()
    while iterA.hasNext() do
        itemA := iterA.nextObject()
        itemB := iterB.nextObject()
        if itemA.key() != itemB.key() then
            return false
        if itemA.value() != itemB.value() then
            return false
    return true
```

HT   BST
```
Algorithm isPermutation(A, B)
1     if A.length != B.length then
1         return false
1     DA := new HT-Dictionary(BST-Dictionary)
n     countElements(A, DA)              nlogn
1     i := 0
n     while i < B.length do
n         cnt := DA.findValue(B[i])     nlogn
n         if cnt = null then
1             return false
```

```
n        if cnt = 0 then return false
n        DA.insertItem(B[i], cnt-1)      nlogn
n        i := i + 1
1    return true
```