**Module:** getAllItemsSorted()

**Access Programs:** none

**Implementation:**

Uses: inputFileName.txt

Variables

Input:

None.

Output:

ARRAY(<STRING8>)

Outputs a sorted array containing the codes of all items in the list.

Pseudo code:

input = fileStream (filename)

array = string array ()

while(!eof)

if input.ReadLine() != blank

output = output + input.ReadLine()

//Perform QuickSort on array

if length(array) ≤ 1

return array

select and remove a pivot value 'pivot' from 'array'

create empty lists 'less' and 'greater'

for each 'x' in 'array'

if 'x' ≤ 'pivot' then append 'x' to 'less'

else append 'x' to 'greater'

return concatenate(quicksort('less'), 'pivot', quicksort('greater'))