Bucket Sort Pseudocode:

Bucket-Sort(A)  
1 let B[0…n-1] be a new array  
2 n = A.length  
3 for I = 0 to n-1  
4 make B[i] an empty list  
5 for I = 1 to n  
6 insert A[i] into list B[floor(n\*A[i])]  
7 for I = 0 to n-1  
8 sort list B[i] with insertion sort  
9 concatenate the lists B[0], B[1]…..B[n-1] together in order