**Bubble Sorting**

Bubble sorting also known as simple sorting.it is a algorithm in sorting algorithms. Bubble sorting means it compares the first number and the second number if the second number is less than the first one.

It swaps the two values, else if the second number is greater than the first vale it stays the same. Then it will try 2nd and 3rd etc...

At first it uses a for loop to identify how many integers are there in the list.

Then the other loop that is inside the first loop it will take the counts of the first loop.

Then the value that comes last from the iteration every time is the biggest value like that it goes on and on.

The Code:

def bubbleSort(list):

for j in range(len(list) - 1, 0, -1):

for i in range(j):

if list[i] > list [i + 1]:

temp = list[i]

list[i] = list [i + 1]

list [i + 1] = temp

list = [14, 46, 43, 27, 57, 41, 45, 21, 70]

bubbleSort(list)

print(list)