#Albert George

#This program bubble sorts a list inputted by the user

>>> def getInput():

L=[]

seq=eval(input("Enter list of numbers. Type -999 to end" ))

L.append(seq)

while seq !=-999:

seq=eval(input("Enter another number "))

if seq!=-999:

L.append(seq)

return L

>>> def bubbleSort(L):

for bubble in range(len(L)-1,0,-1):

for i in range(bubble):

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

Sort=L[i]

L[i]=L[i+1]

L[i+1]=Sort

print(L)

>>> def main():

BsList=getInput()

bubbleSort(BsList)

>>> main()

Enter list of numbers. Type -999 to end39

Enter another number 52

Enter another number 17

Enter another number 10

Enter another number 47

Enter another number 101

Enter another number 82

Enter another number 54

Enter another number -999

[10, 17, 39, 47, 52, 54, 82, 101]

>>>