**Practical No.1**

Python 3.4.3 (v3.4.3:9b73f1c3e601, Feb 24 2015, 22:43:06) [MSC v.1600 32 bit (Intel)] on win32

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>>> def insertionSort(alist):

for index in range(1,len(alist)):

currentvalue = alist[index]

position = index

while position>0 and alist[position-1]>currentvalue:

alist[position]=alist[position-1]

position = position-1

alist[position]=currentvalue

>>> alist=[76,5,32,12,43]

>>> insertionSort(alist)

>>> print(alist)

[5, 12, 32, 43, 76]

>>> alist=[23,87,6,54,12]

>>> insertionSort(alist)

>>> print(alist)

[6, 12, 23, 54, 87]

>>>