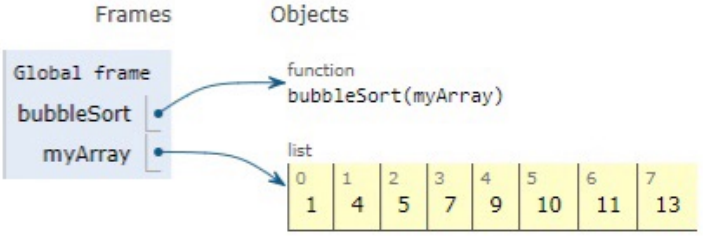
Python 3.6
(known limitations)

```
1  def bubbleSort(myArray):
2      limit = len(myArray)
3      while limit != 0:
4          for i in range (limit-1):
5              if myArray[i] > myArray[i+1]:
6                  temp = myArray[i]
7                  myArray[i] = myArray[i+1]
8                  myArray[i+1] = temp
9          limit-=1
10 myArray = [11,4,7,5,10,9,13,1]
11 bubbleSort(myArray)
12 print(myArray)
```

Print output (drag lower right corner to resize)

```
[1, 4, 5, 7, 9, 10, 11, 13]
```



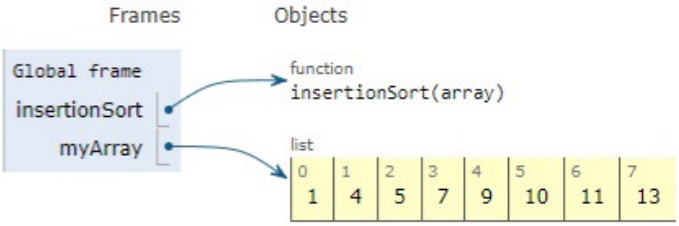
Python 3.6
(known limitations)

```
1  def insertionSort(array):
2      for step in range(1,len(array)):
3          myNum = array[step]
4          replace = step - 1
5          while replace >= 0 and myNum < array[replace]:
6              array[replace + 1] = array[replace]
7              replace = replace - 1
8          array[replace + 1] = myNum
9  myArray = [11,4,7,5,10,9,13,1]
10 insertionSort(myArray)
11 print(myArray)
```

Edit this code

Print output (drag lower right corner to resize)

```
[1, 4, 5, 7, 9, 10, 11, 13]
```



Python 3.6
(known limitations)

```
1  def selectionSort(array, size):
2      for i in range(size):
3          minNum = i
4          for j in range(i + 1, size):
5              if array[j] < array[minNum]:
6                  minNum = j
7          (array[i], array[minNum]) = (array[minNum], arr
8
9  arr =  [11,4,7,5,10,9,13,1]
10 size = len(arr)
11 selectionSort(arr, size)
12 print(arr)
```

Edit this code

Print output (drag lower right corner to resize)

```
[1, 4, 5, 7, 9, 10, 11, 13]
```