Q1. Apply Selection Sort for the following list to sort it in ascending order. Record your answer for the first two passes.

80	29	73	43	97	52	Original
						Pass 1
						Pass 2

How many comparisons and exchanges are done in each pass of the Selection Sort algorithm?

Passes	Exchanges	Comparisons
Pass 1		
Pass 2		

Q2. Apply Bubble Sort to the following list to sort it in ascending order. Record your answer for the first two passes.

80	29	73	43	97	52	Original
						Pass 1
						Pass 2

How many comparisons and exchanges are done in each pass of the Bubble Sort algorithm?

Passes	Exchanges	Comparisons
Pass 1		
Pass 2		

Q3. Record the values of the list data EACH TIME it changes.

```
def insertionSort(data):
   for index in range(1, len(data)):
      temp = data[index]
      position = index
      while position > 0 and data[position - 1] > temp:
         data[position] = data[position - 1]  # if item on left is greater, copy right
         position = position - 1
      data[position] = temp  # insert temp at position
insertionSort([80, 29, 73, 43])
```

index = 1 temp = 29
index = 2 temp = 73
index = 3 temp = 43