

Pseudo-code

```
For OuterPointer  $\leftarrow$  2 To ListLength
    CurrentValue  $\leftarrow$  List[OuterPointer]
    InnerPointer  $\leftarrow$  OuterPointer - 1
    While InnerPointer > 0 And
        List[InnerPointer] > CurrentValue Do
        List[InnerPointer + 1]  $\leftarrow$  List[InnerPointer]
        InnerPointer  $\leftarrow$  InnerPointer - 1
    EndWhile
    List[InnerPointer + 1]  $\leftarrow$  CurrentValue
EndFor
```

