1 Demo für das Paket `clrscode3e`

```
\begin{codebox}
  \Procname{$\proc{Insertion-Sort}(A)$}
  \li \For $j \gets 2$ \To $\id{length}[A]$
  \li    \Do
            $\id{key} \gets A[j]$
  \li       \Comment Insert $A[j]$ into the sorted sequence
              $A[1 \twodots j-1]$.
  \li       $i \gets j-1$
  \li       \While $i > 0$ and $A[i] > \id{key}$
  \li          \Do
                  $A[i+1] \gets A[i]$
  \li             $i \gets i-1$
                \End
  \li       $A[i+1] \gets \id{key}$
          \End
\end{codebox}
```

INSERTION-SORT(A)

```
1   for j = 2 to length[A]
2        key = A[j]
3        // Insert A[j] into the sorted sequence A[1 . . j − 1].
4        i = j − 1
5        while i > 0 and A[i] > key
6              A[i + 1] = A[i]
7              i = i − 1
8        A[i + 1] = key
```