1 Demo für das Paket `clrscode`

```
\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** $j \leftarrow 2$ **to** $length[A]$
2   **do** $key \leftarrow A[j]$
3    $\triangleright$ Insert $A[j]$ into the sorted sequence $A[1 \mathinner{.\,.} j-1]$.
4    $i \leftarrow j-1$
5   **while** $i > 0$ and $A[i] > key$
6   **do** $A[i+1] \leftarrow A[i]$
7      $i \leftarrow i-1$
8    $A[i+1] \leftarrow key$