

Example Latex Document

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Insertion Sort, page 17

Here is some text. Here is some more text. This is the last sentence of the first paragraph.

Here is a new paragraph. To generate a new paragraph, leave a blank line in the source. Enclose math symbols in dollar signs.

INSERTION-SORT(A)

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