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**Algorithm 3.1.9** determine whether a string of characters is a palindrome

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1: procedure PALINDROME( $a_1, a_2, \dots, a_n$ : string of characters)
2:   for  $i = 1$  to  $\lfloor \frac{n}{2} \rfloor$  do
3:     if  $a_i \neq a_{(n+1)-i}$  then
4:       return  $\perp$ 
5:     end if
6:   end for
7:   return True                                 $\triangleright$  all of the characters matched
8: end procedure
```

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