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APCS2 pd8  
HW04 -- So Easy, Even a Caveturtle Can Do It  
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### General Procedure

//Split the list into different sublists, halving it each time.

[7,2,5,6,9,4,3]  
↓  
[2,7,5,6] , [6,9,4,3]  
↓  
[7,2] , [5,6] , [6,9] , [4,3]

//Now sort these sublists and merge them back. Repeat the process until the sublists are joined back as one complete sorted list.

[7,2] , [5,6] , [6,9] , [4,3]  
↓  
[2,7] , [5,6] , [6,9] , [4,3]  
↓  
[2,7,5,6] , [6,9,4,3]  
↓  
[2,5,6,7] , [3,4,6,9]  
↓  
[2,5,6,7,3,4,6,9]  
↓  
[2,3,4,5,6,6,7,9]

SORTED