

Начало mergesort(l)

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graph TD; Start([Начало mergesort(l)]) --> Decision{len(l) < 2}; Decision --> ReturnL([return l]); Decision --> Middle[middle = len(l) // 2]; Middle --> Left[\"left = mergesort(l[:middle])\"]; Left --> Right[\"right = mergesort(l[middle:])\"]; Right --> ReturnMerge([return merge(left, right)])
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$\text{len}(l) < 2$

$\text{middle} = \text{len}(l) // 2$

$\text{left} = \text{mergesort}(l[:\text{middle}])$

$\text{right} = \text{mergesort}(l[\text{middle}:])$

$\text{return merge}(\text{left}, \text{right})$

$\text{return } l$