

Sorting > accending or descending order

Inplace / Outplace Sorting Agorithms

Inplace Sorting

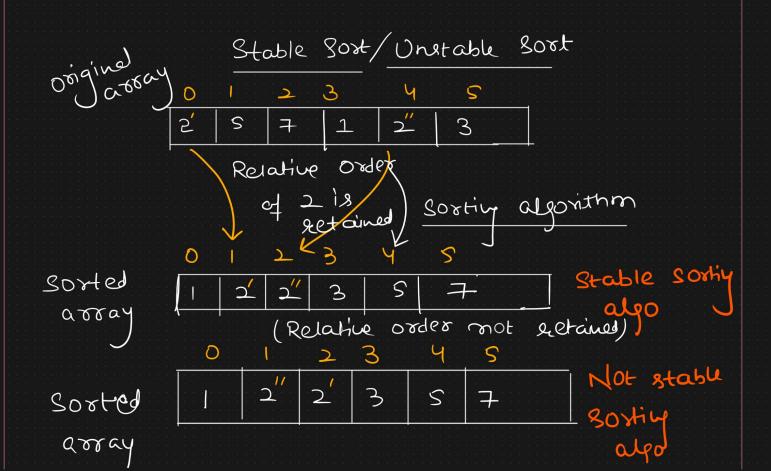
mot taking any extra space

to execute the

sorting algorithm

Outplace Sorting

Taking extra space to
execute the sorting
algorithm



Bubble
Sort

(Ascendiy
oxdex)

Pare 2:
$$(20, 30, 30, 50, 50, 10, 90)$$

Pare 2: $(20, 30, 30, 50, 50, 10, 90)$

Pare 2: $(20, 30, 30, 50, 50, 10, 90)$

Pare 2: $(20, 30, 50, 50, 18, 70, 90)$

Pare 3: $(20, 30, 50, 50, 18, 50, 10, 90)$

Pare 3: $(20, 30, 50, 18, 50, 10, 90)$

Pare 3: $(20, 30, 50, 18, 50, 10, 90)$

Pare 3: $(20, 30, 50, 10, 90)$

Pare 4: $(20, 30, 50, 10, 90)$

Pare 5: $(20, 30, 50, 10, 90)$

Pare 6: $(20, 30, 50, 10, 90)$

$$m=7$$
 6—Pau $(m-1)$ ____ Iterations