

Bubble Sort

2	3	1	5	4
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The visualization of the bubble sort of the above array is given below.

At first the loop will check the first and second index. If the first number is greater than the second number then it will swap. If its not, it won't swap. In this case $1st < 2nd$. So, it won't swap.

2	3	1	5	4
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then, $2nd > 3rd$. It will swap

2	1	3	5	4
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it will again check from the 1st index again, $1st > 2nd$. So, it will swap

1	2	3	5	4
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next the loop will check again. The 4th and 5th index. we can see that the 4th index is greater than the 5th index number. So, it will swap again.

1	2	3	4	5
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It is the final result of the given array by using bubble sort.

A	E	I	E	S
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A	E	E	A	S
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A	E	E	A	S
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