![Graphical user interface, text, application

Description automatically generated]()

Problem statement.

![Text

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We must sort like hence 2 min swaps needed. 1 2 3 4 5 is the sorted order.

Here 5 can be swapped by 2 and 4 can be swapped by 3 and hence we get the sorted order.

Use greedy approach.

Here 2 swaps 2 with 5 and 4 with 3.

Logic.



After putting in vector with an array what we do is sort the array.

![Text

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Here iterate and if index in original l come same as in sorted means no swap needed. Now what we are doing is converting sorted to original array.

It might not be necessary that when we swap back it comes back to original position.

Sort check again and again to make sure all sorted.

Code:

