

![Graphical user interface, application, Word

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![Text

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Logic:

Here we will push a element into the stack.

Insert 1 this is not same as 0th index-2.continue pushing 2.insert 2 this is same as 0th index 2 pop it.now top is still same as index+1 that is 1st index-1 pop it again .same logic for 3 .hence here stack is empty and index==n. This is the logic.



But for this is not possible.

![Text, schematic

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Here none matches index 0 till insert 3.but this will give false as.3 matches index 0-3 hence pop. Then index 1 -1 does not match stack.top ()-2 hence this will be false.

![Text

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A picture containing text, clipart, night sky

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