![Graphical user interface, text, application, email

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![Text

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This is the stack.

![A picture containing text, watch, gauge

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All have been popped. Right hand structure is recursion stack.

![A picture containing diagram

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Here we will check 11<2 is not hence pop it till this condition is true then inserted the popped element.

![A picture containing text, blackboard, night sky

Description automatically generated]()

Now for 32:

![Text

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Here 11<32 yes hence directly insert it.

![A picture containing text, blackboard

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Now for 3. here 32 and 11 <3 hence pop but 2<3 not hence push and then push the element 11 32 in recursion stack.

![Text

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