Reverse stack using recursion:

![A picture containing text

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Store pop element in recursion stack.

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See stack is empty and recursion stack is filled.

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Here 4 was inserted at bottom. Then 3 was seen and sent to function insert bottom but 4 was already there.so pop 4 and store it in another recursion stack and then insert 3 pop from the recursion stack 4 and insert in stack.

Same logic for 2. Send to insert bottom but saw stack was not empty. Hence pop 4 3 and store it in recursion stack and then insert 2. then pop from that recursion stack and put it in stack.

![A picture containing text, blackboard

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Same logic for 1.

![A picture containing text, blackboard, night sky

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Code:

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