

1.3 DIJKSTRA'S 2-STACK

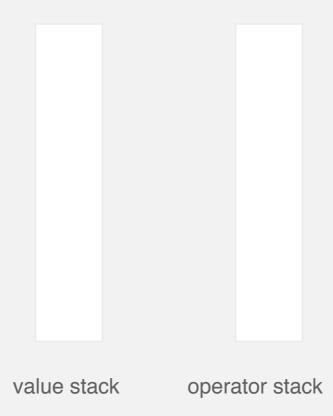
With correction

Value: push onto the value stack.

Operator: push onto the operator stack.

Left parenthesis: ignore.

Right parenthesis: pop operator and two values; push the result of applying that operator to those values onto the value stack.



infix expression(fully parenthesized)

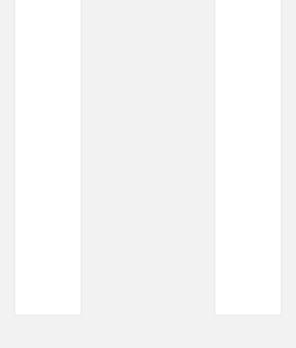


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value stack

operator stack

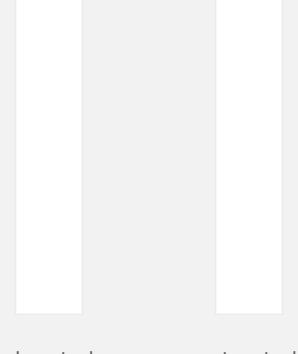


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value stack

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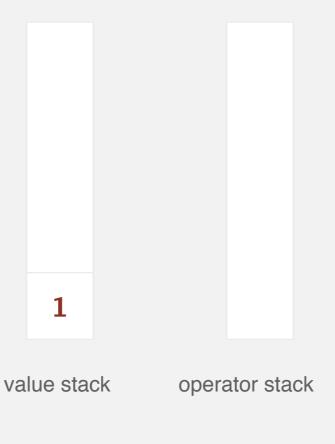




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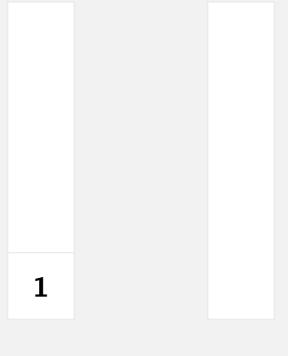


Value: push onto the value stack.

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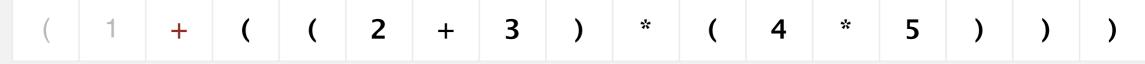
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value stack

operator stack

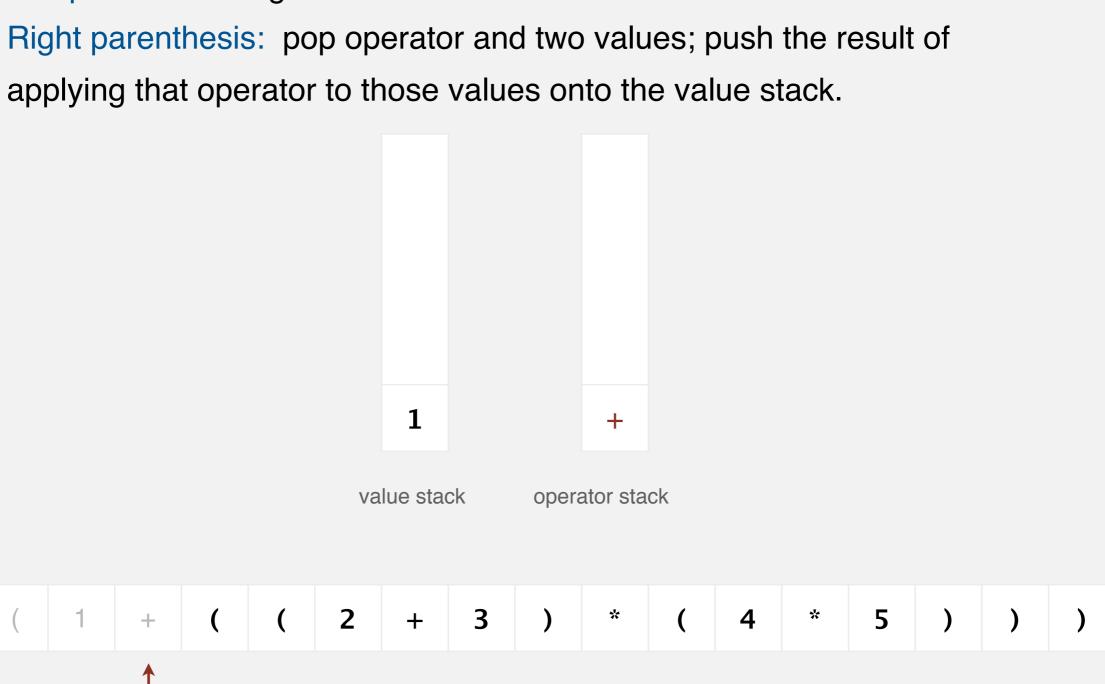




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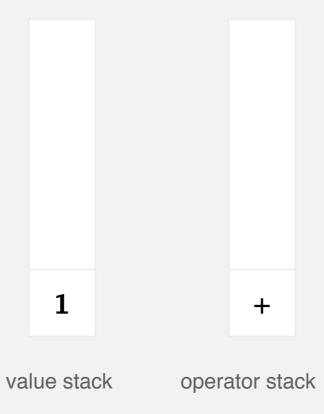


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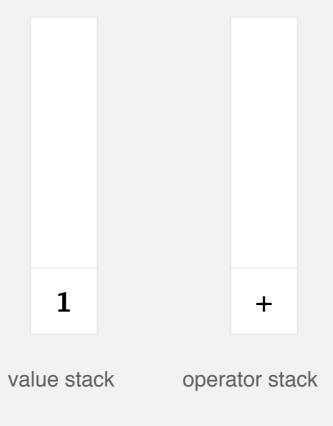


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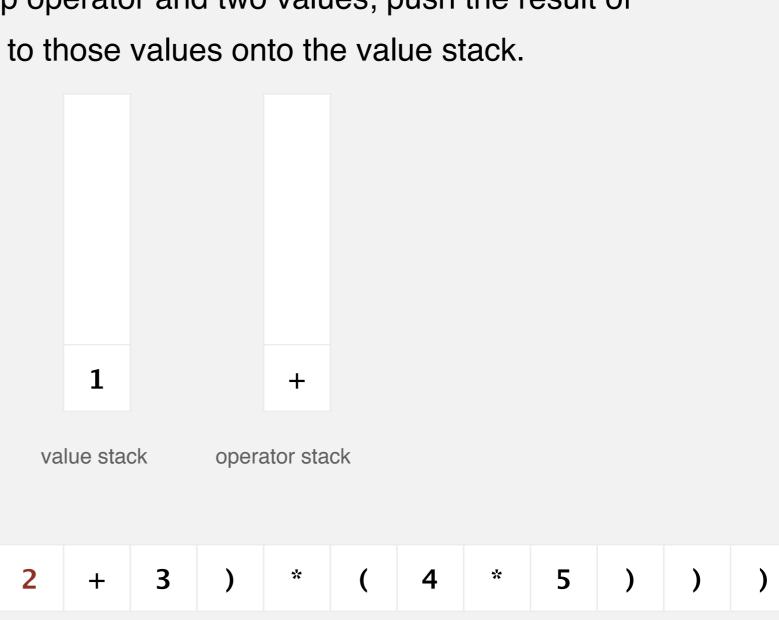




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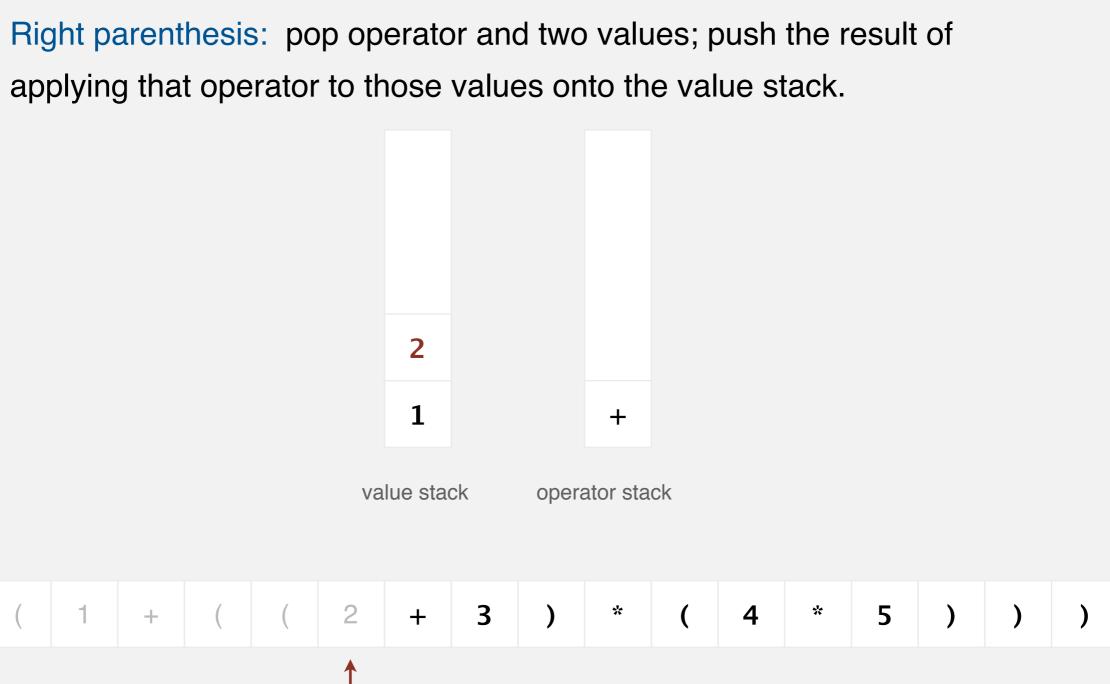




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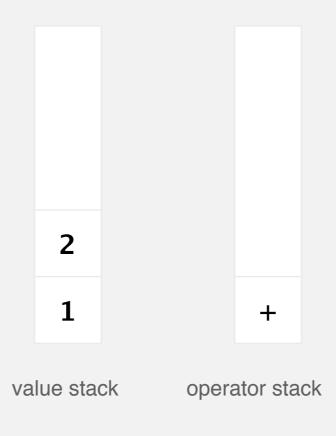




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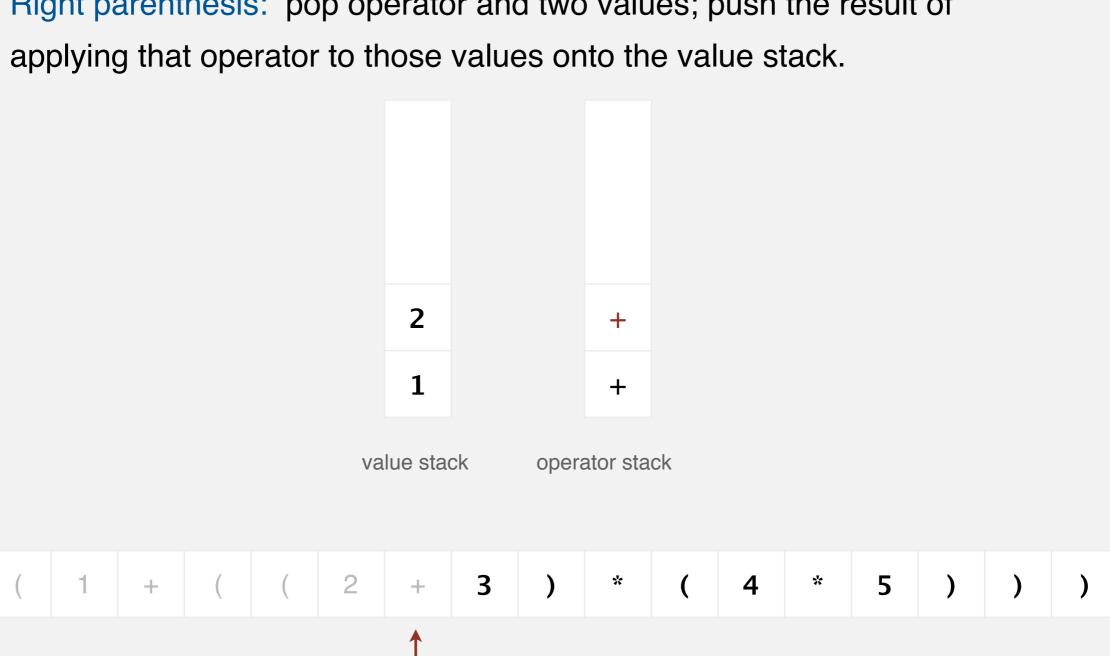


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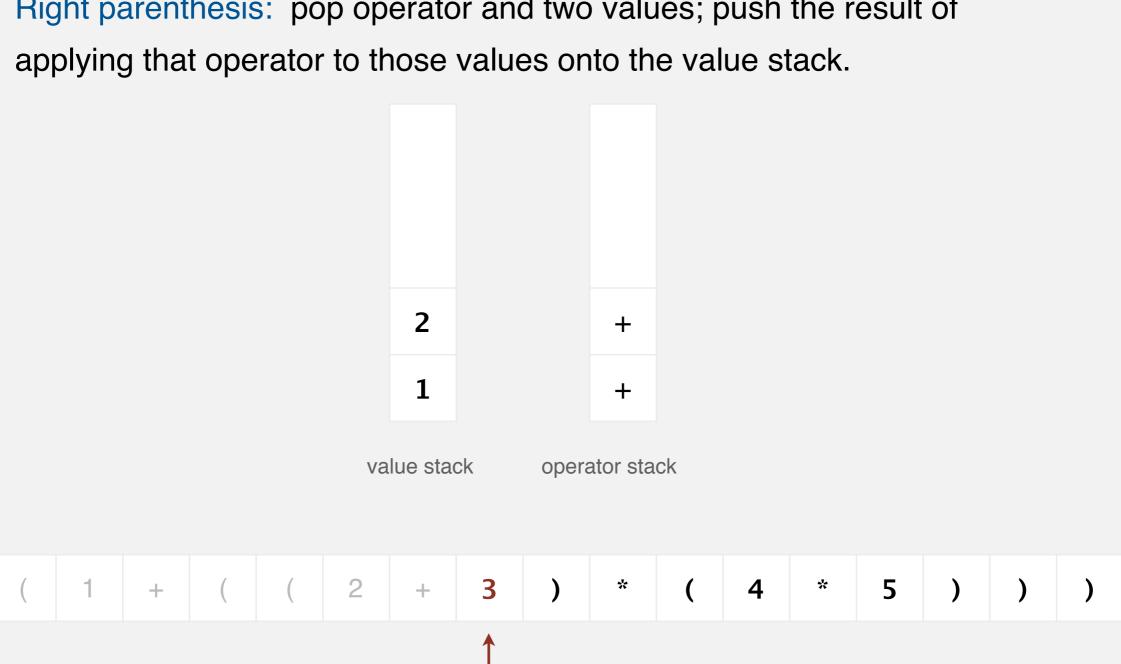


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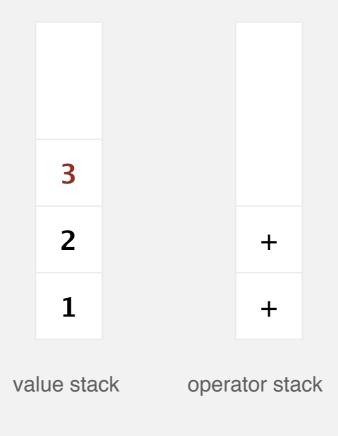


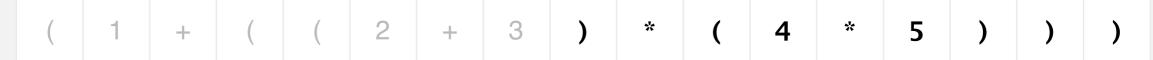


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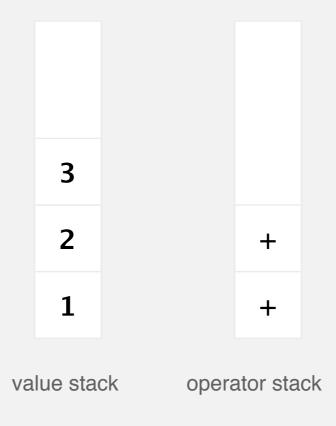


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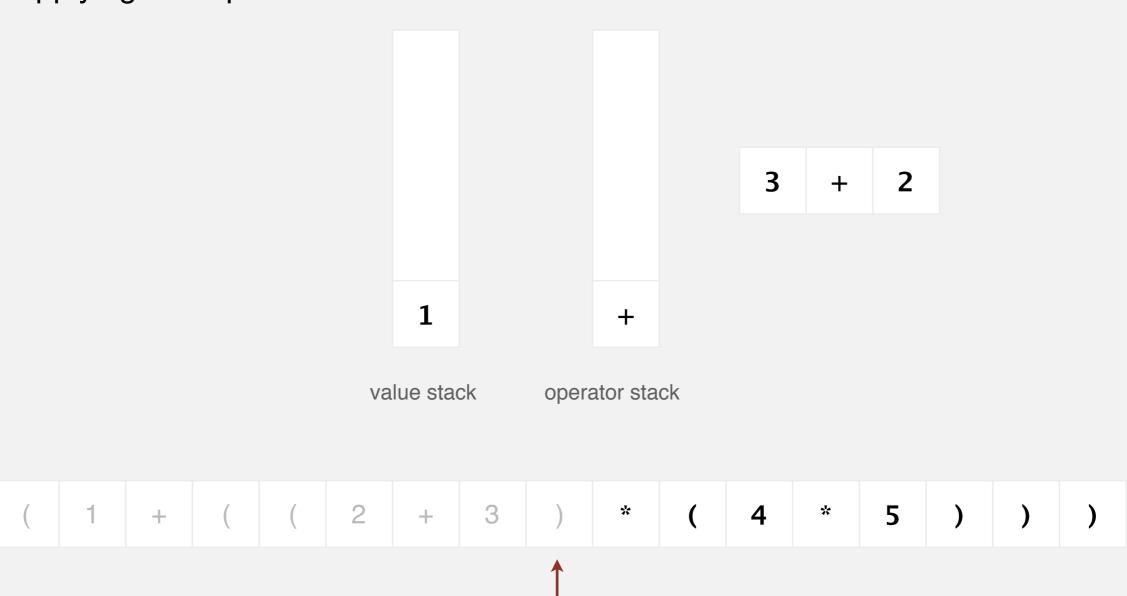




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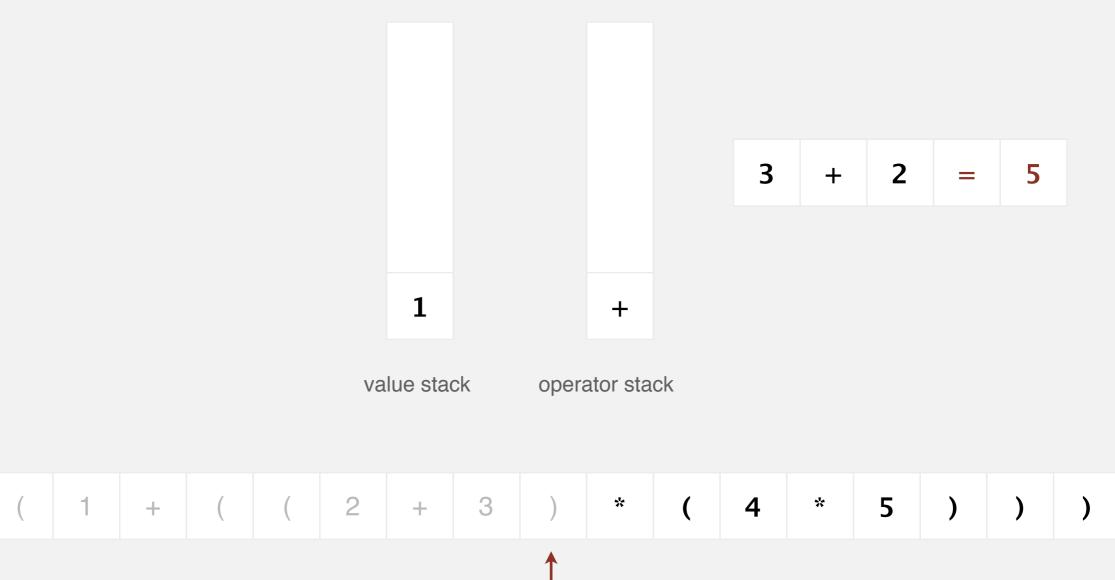
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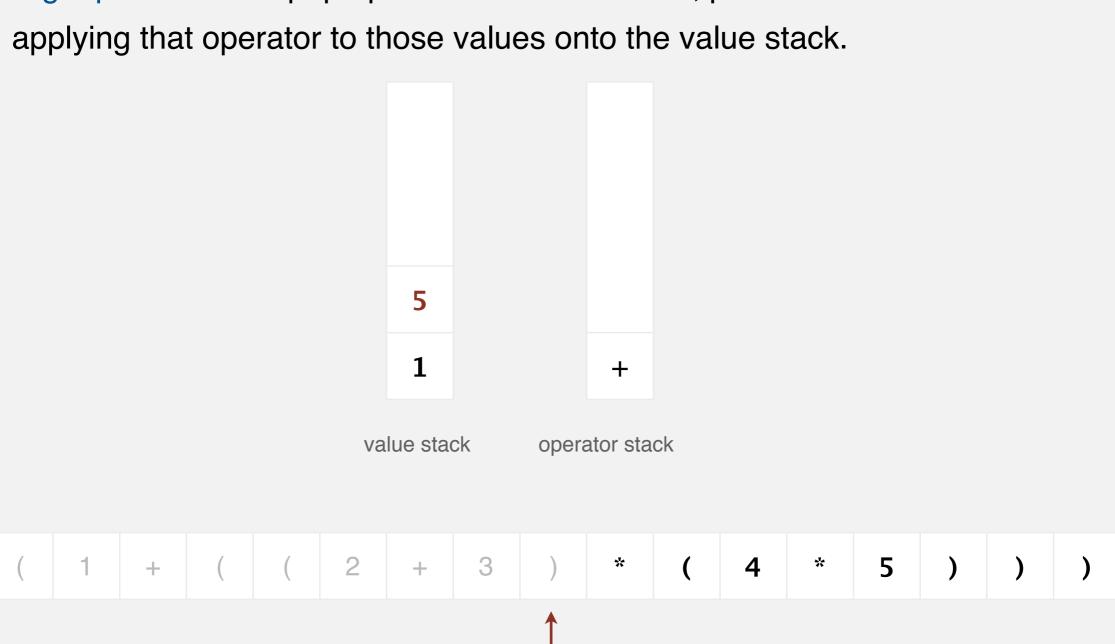


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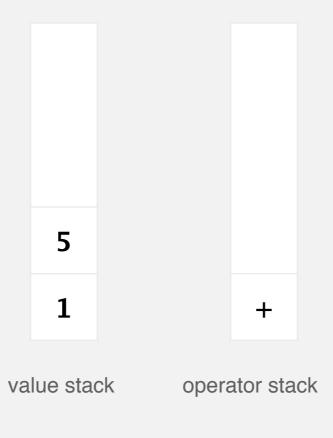


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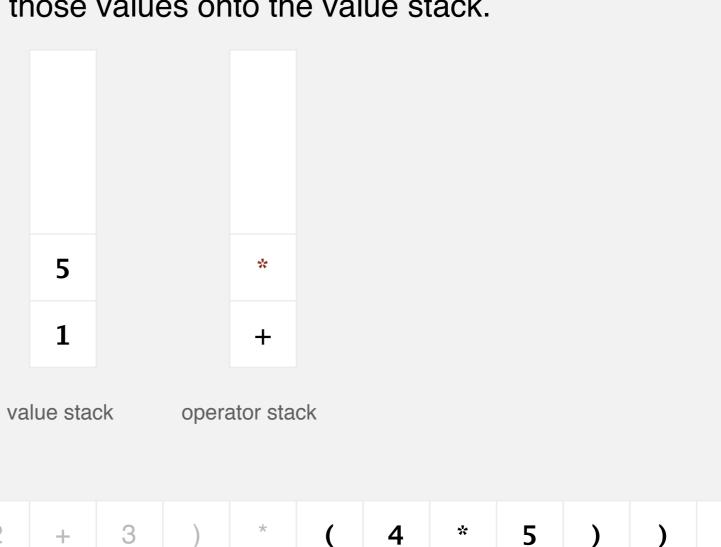




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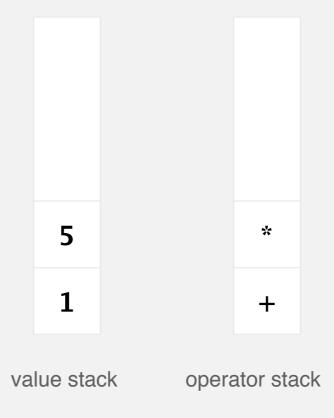


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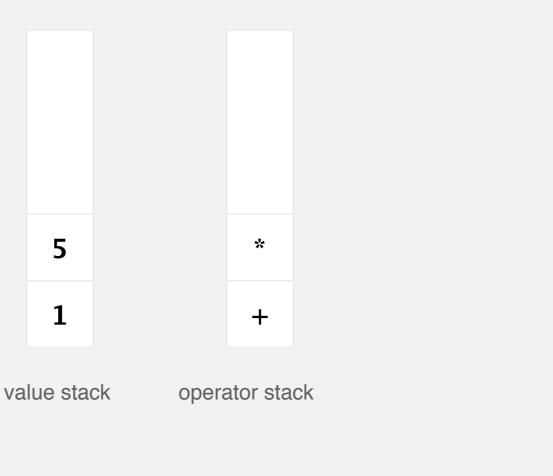




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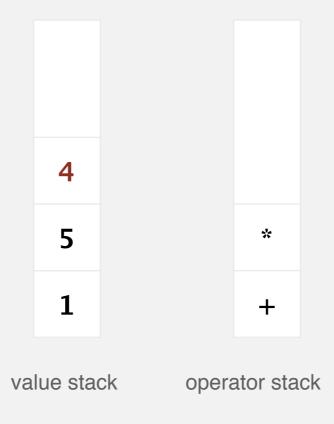


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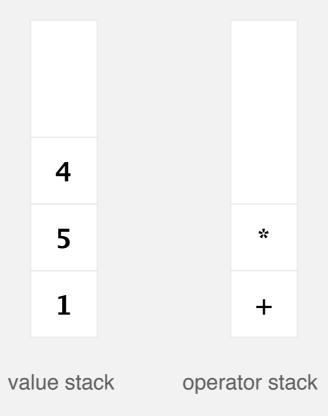


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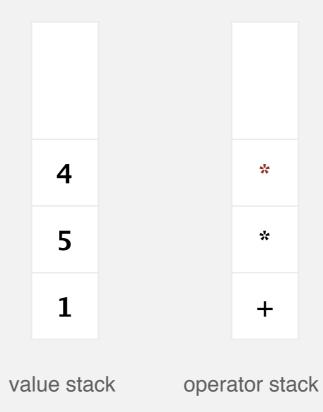


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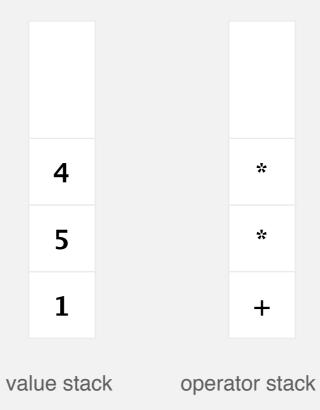


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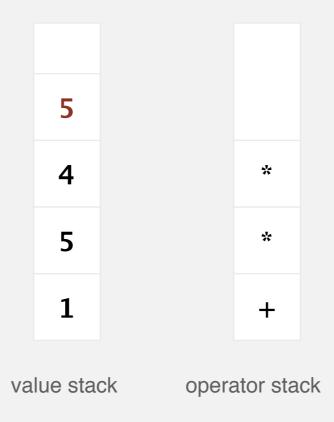


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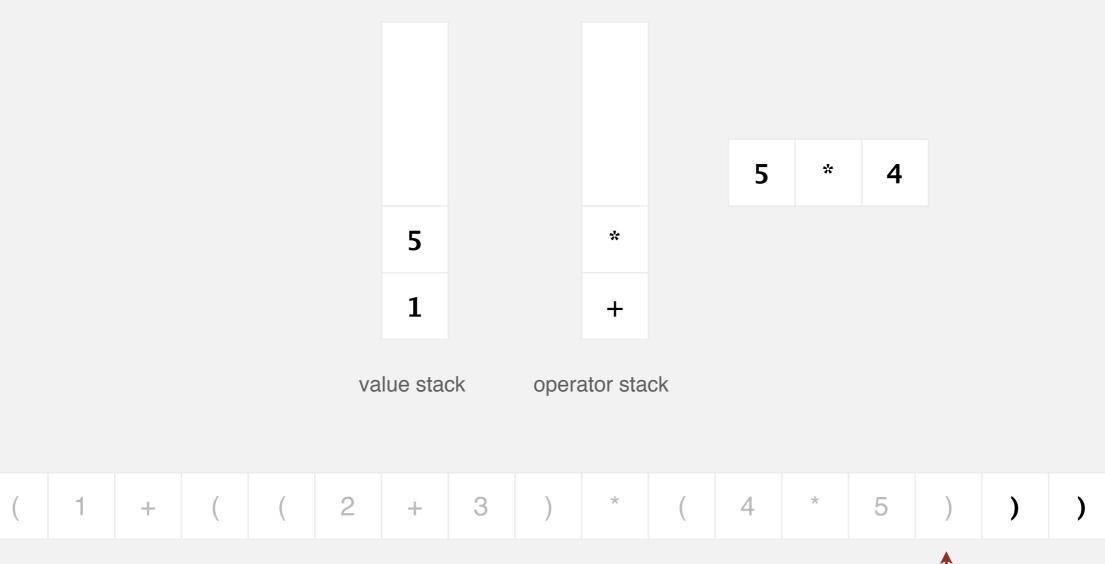


value stack operator stack

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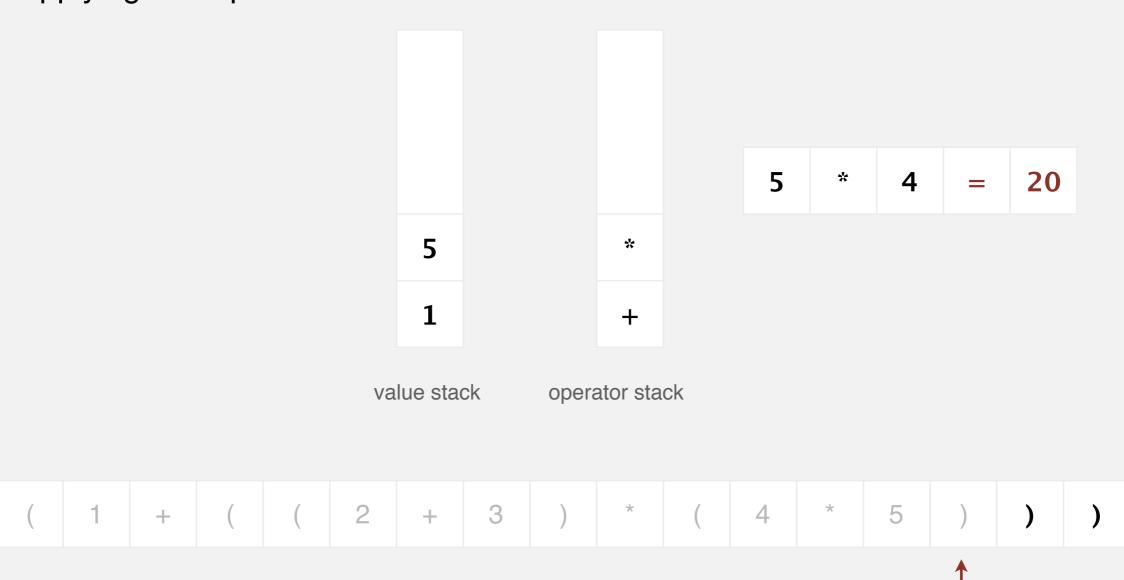
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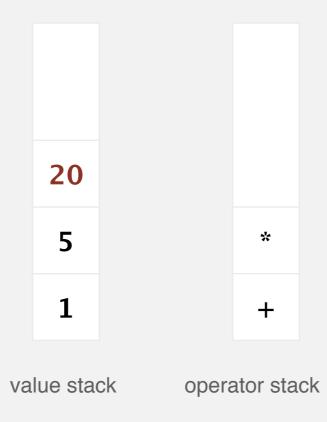


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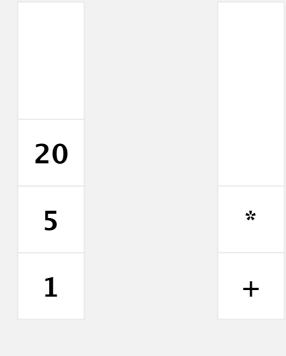


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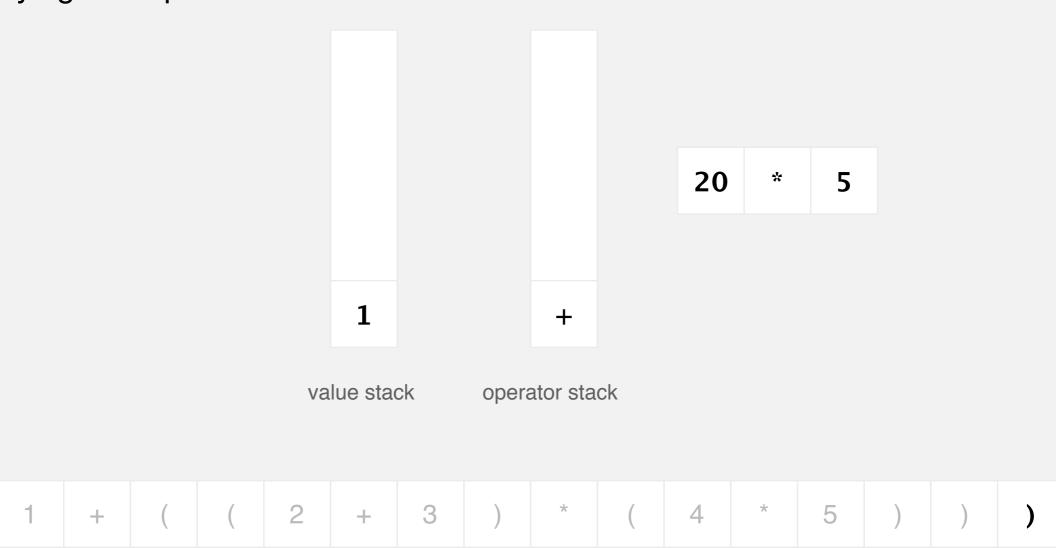
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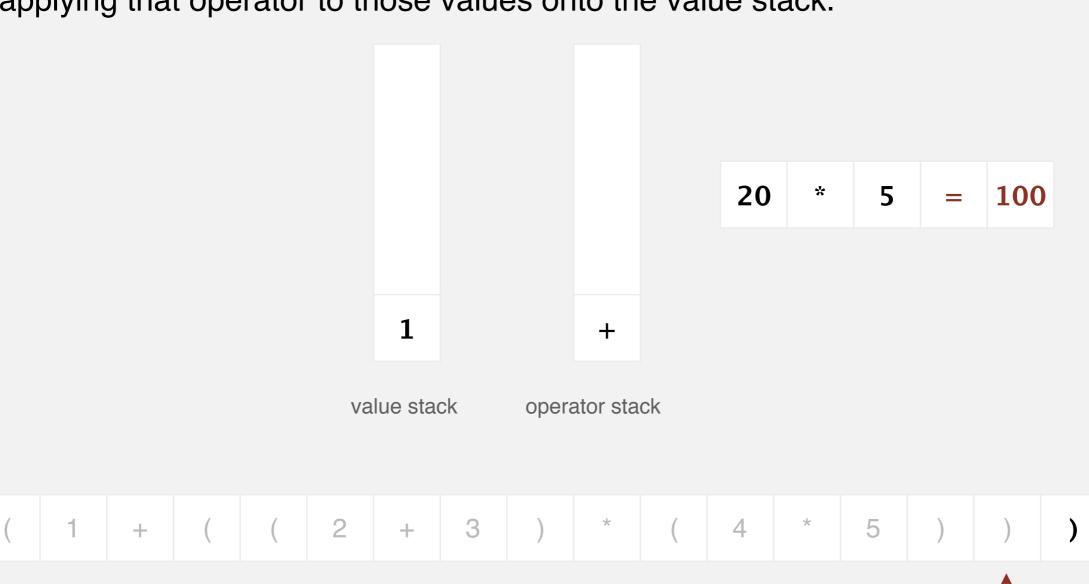


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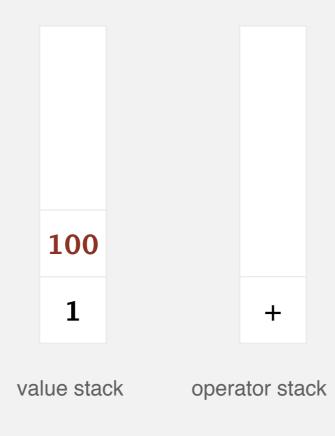


1

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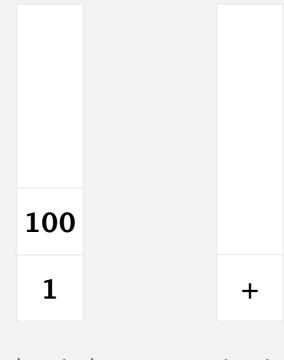


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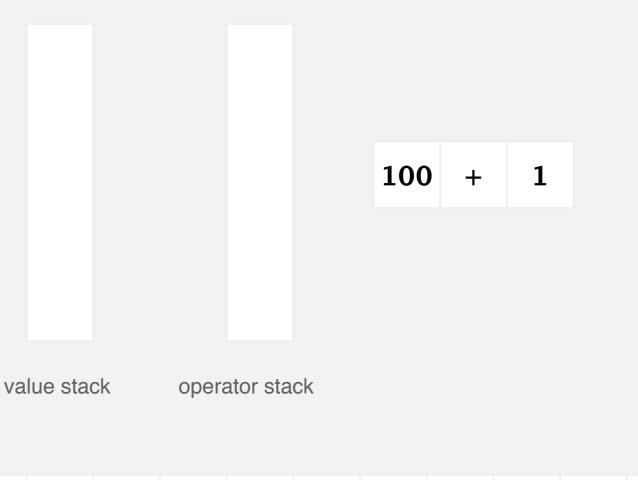
value stack operator stack



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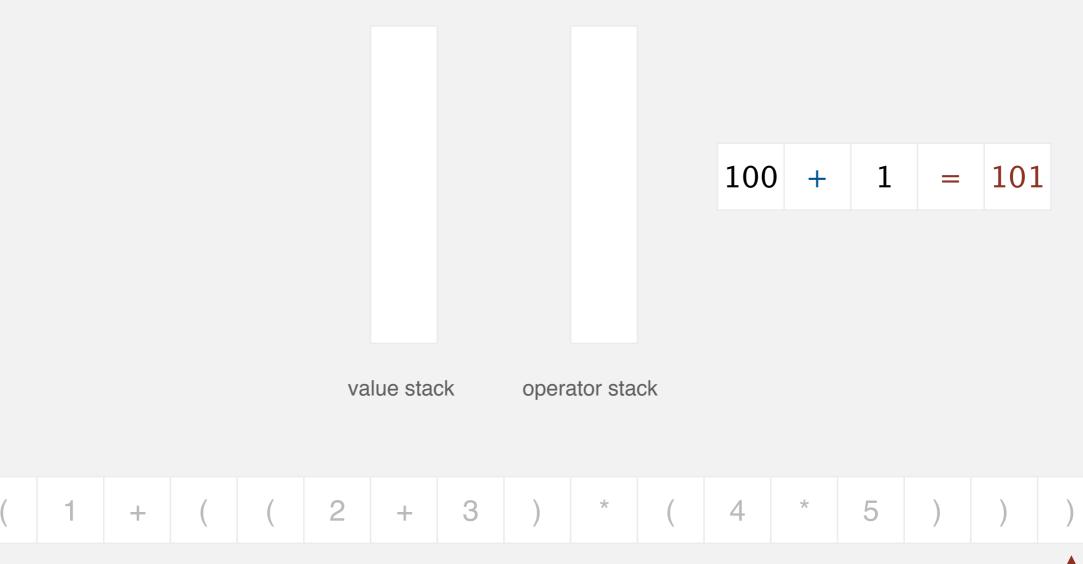




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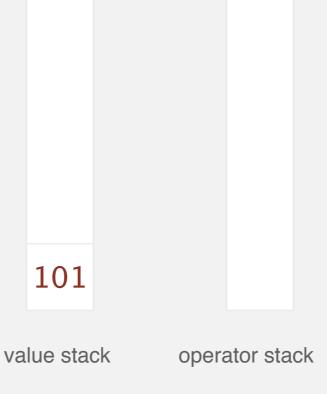


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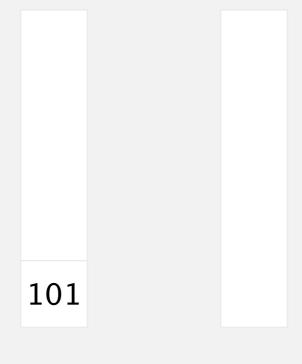


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value stack

operator stack



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End: if there are any operators remaining in the operator stack, then implement them.

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result