

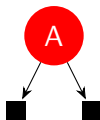
Red-Black Tree Example

James Clarke

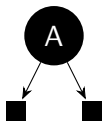
University of Cambridge

February 7, 2015

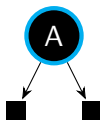
Inserting 'A'



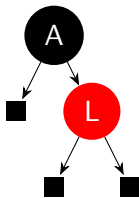
Inserting 'A'



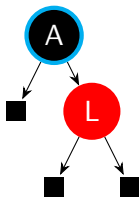
Inserting 'L'



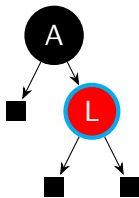
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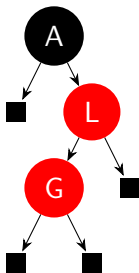
Inserting 'G'



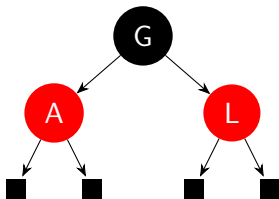
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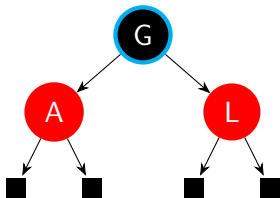
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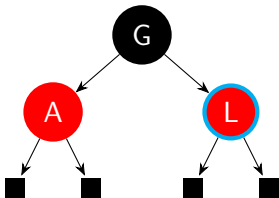
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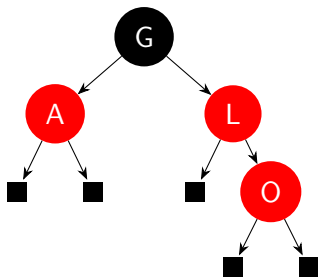
Inserting 'O'



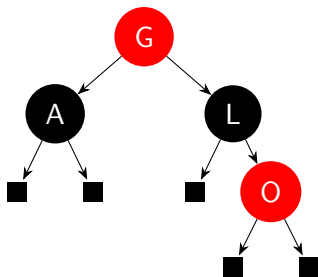
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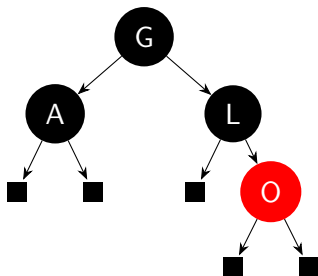
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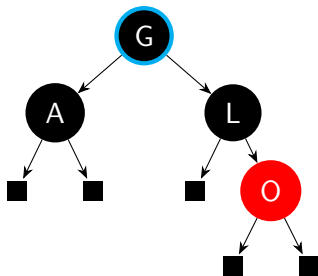
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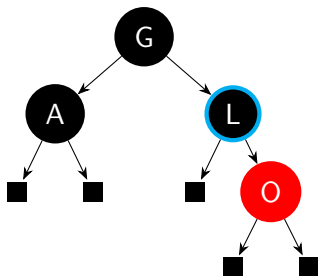
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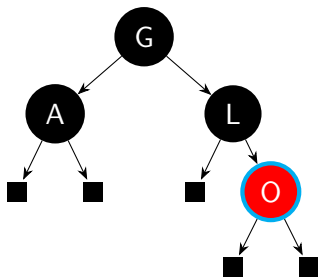
Inserting 'R'



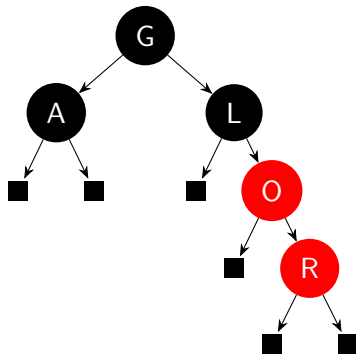
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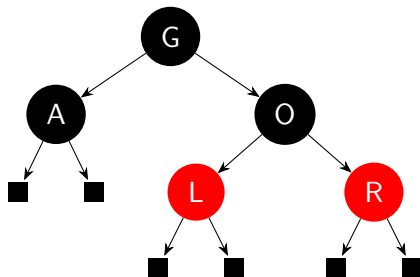
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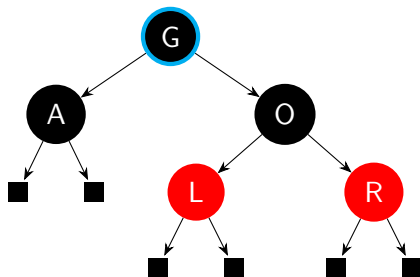
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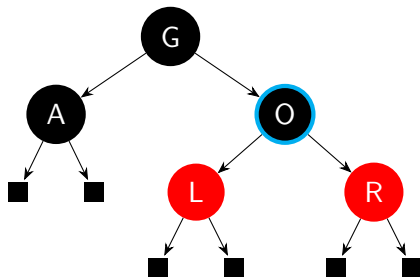
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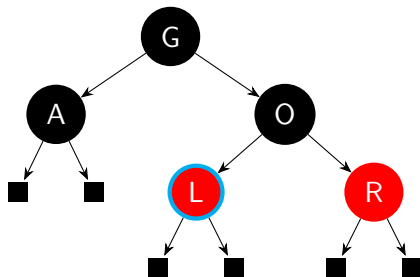
Inserting 'l'



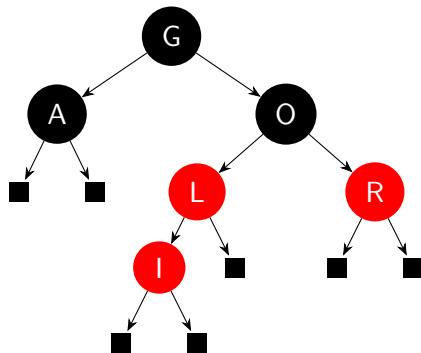
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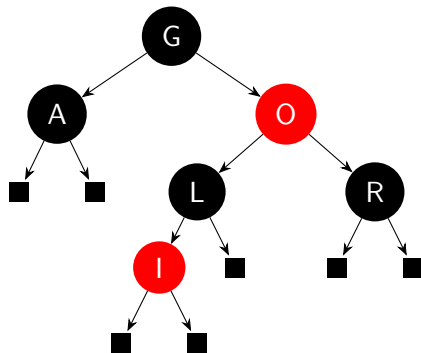
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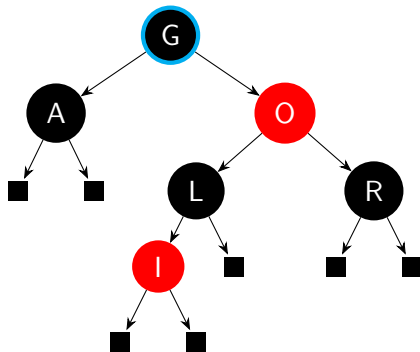
Inserting 'I'



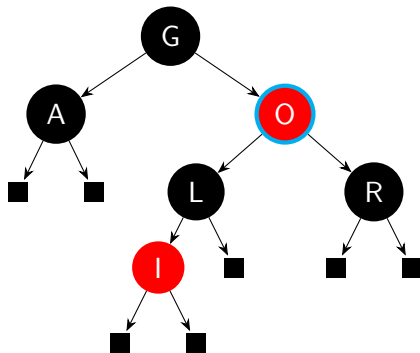
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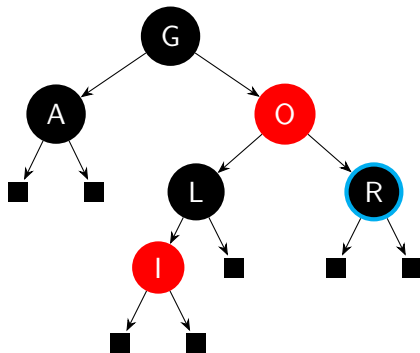
Inserting 'T'



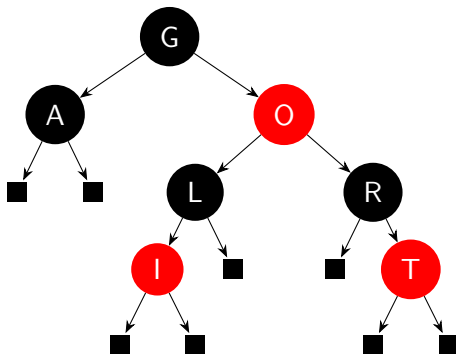
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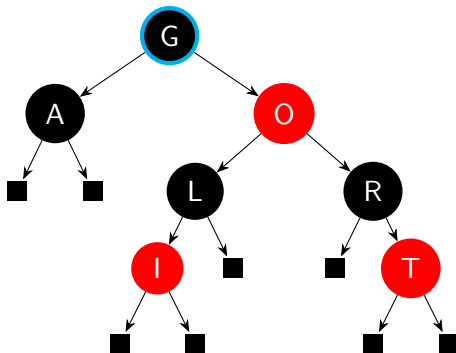
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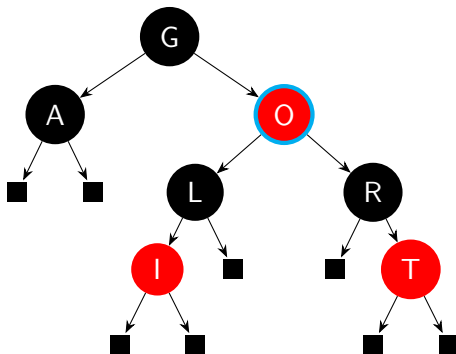
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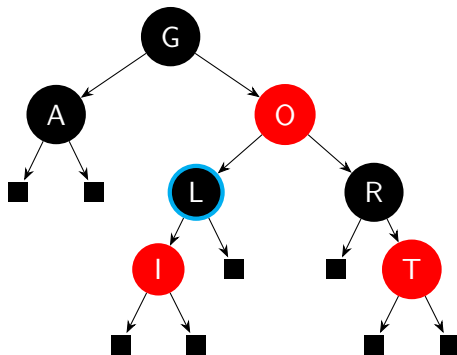
Inserting 'H'



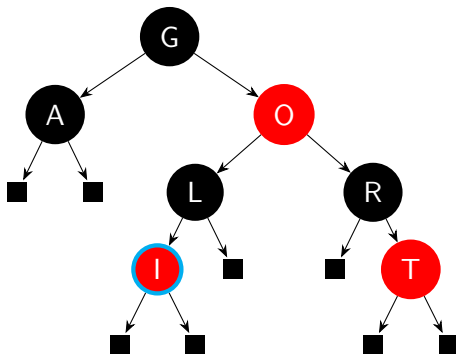
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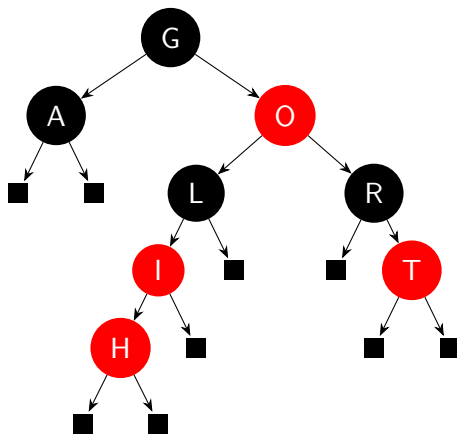
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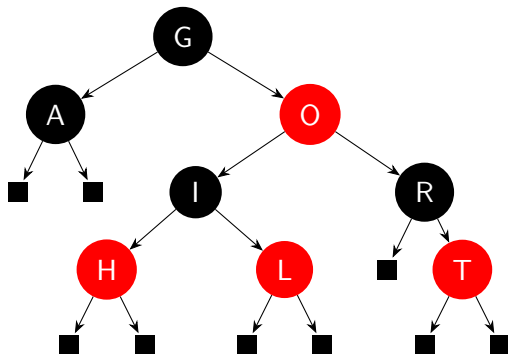
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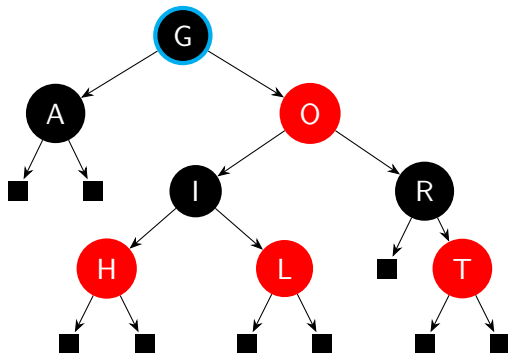
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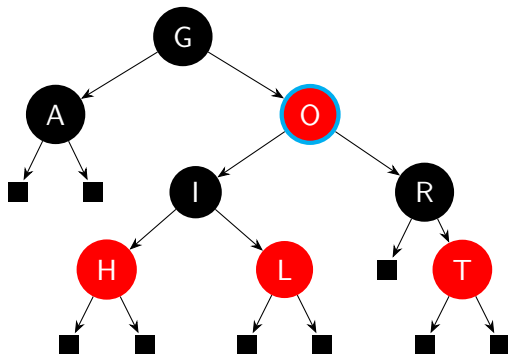
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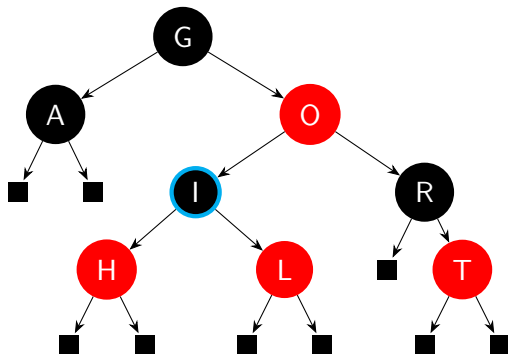
Inserting 'M'



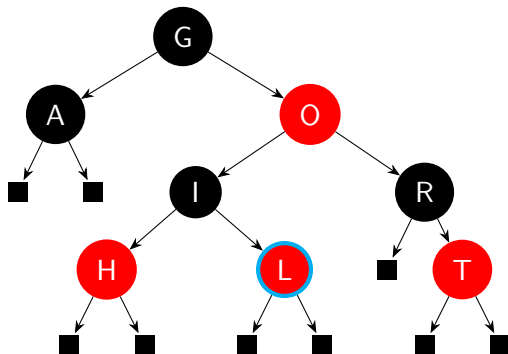
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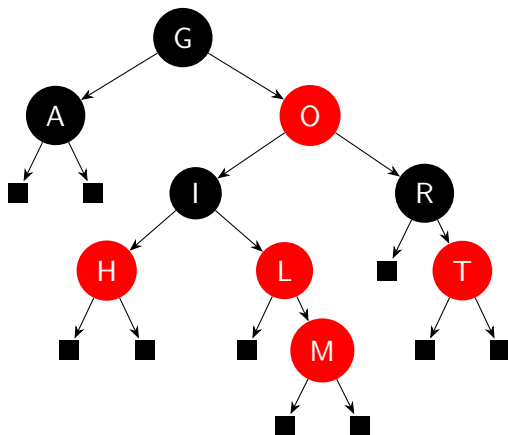
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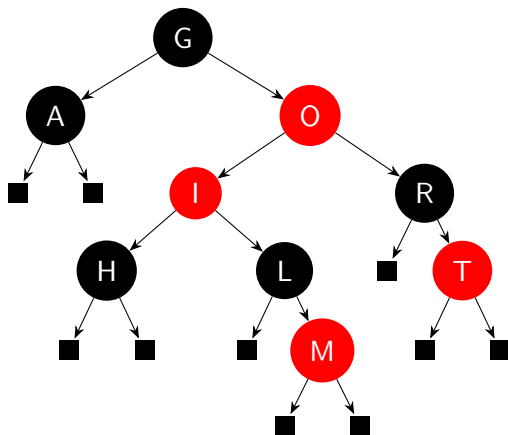
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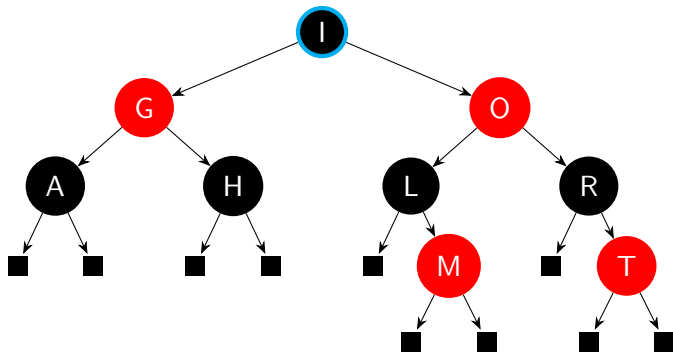
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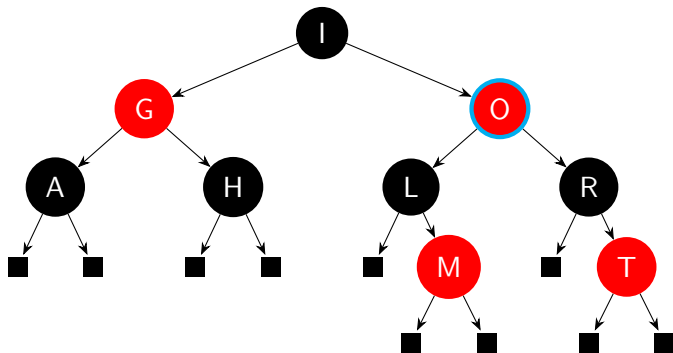
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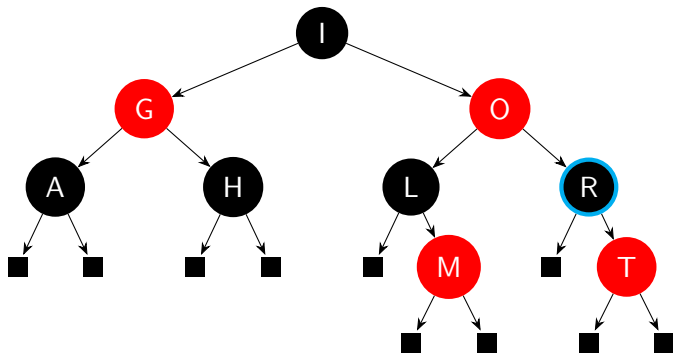
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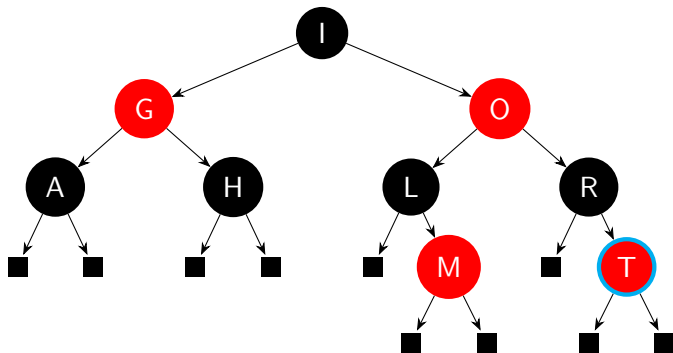
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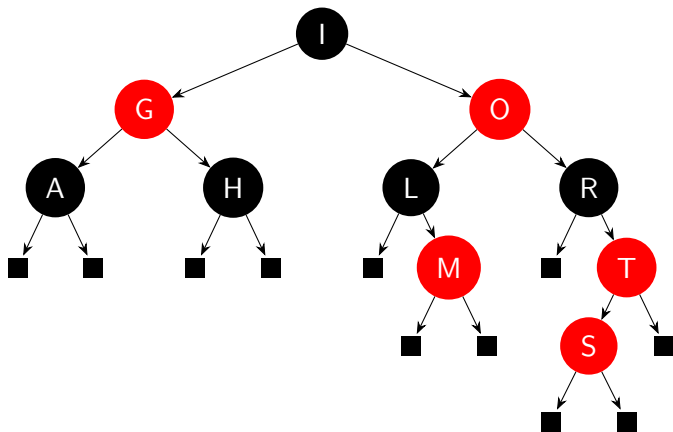
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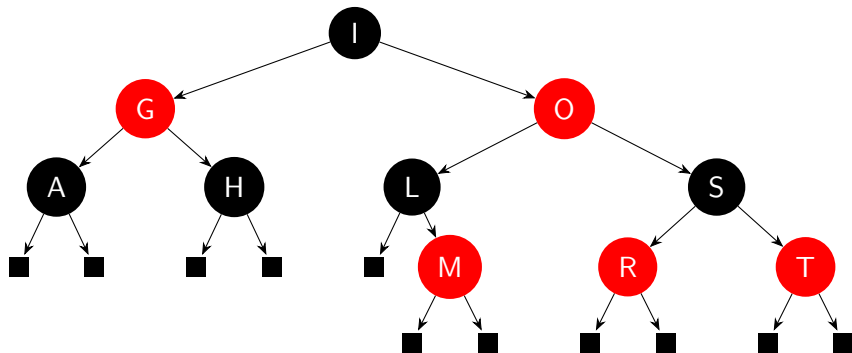
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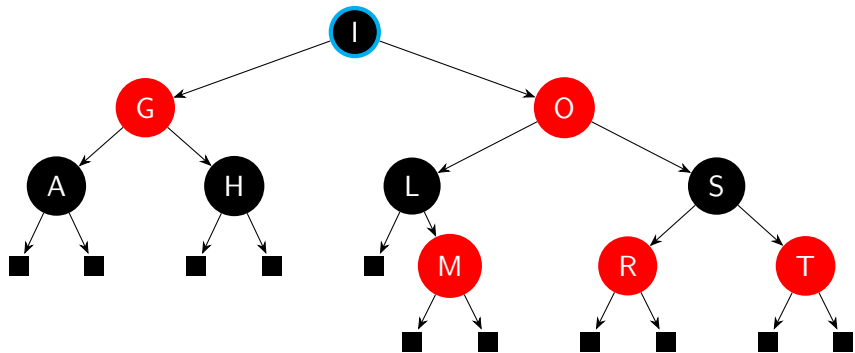
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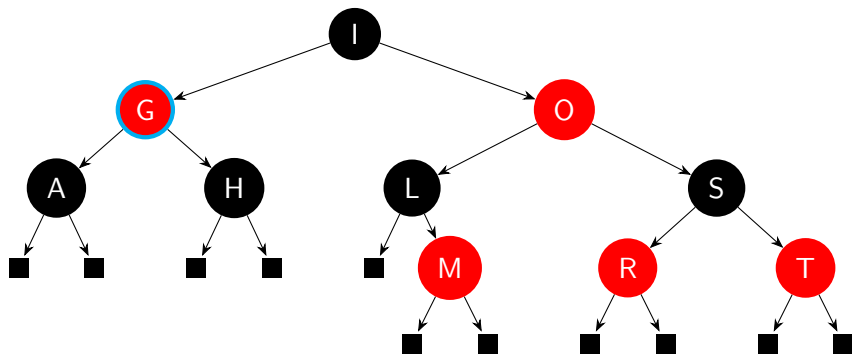
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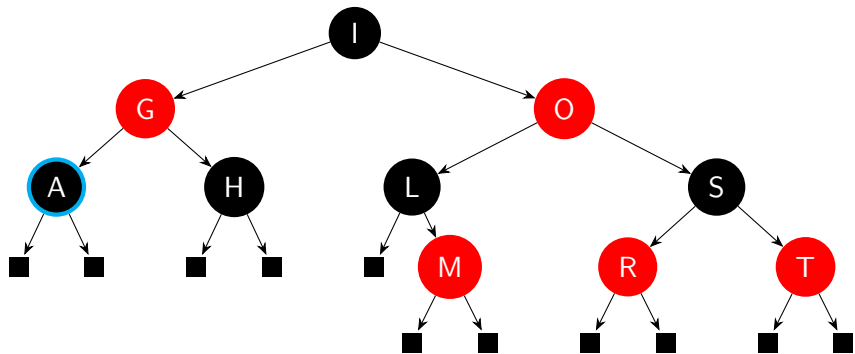
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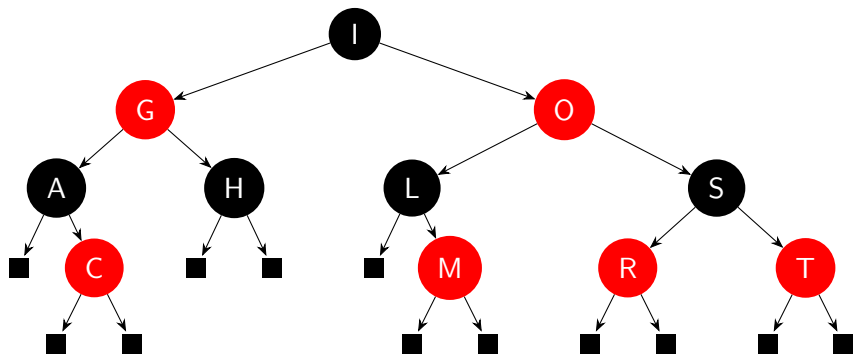
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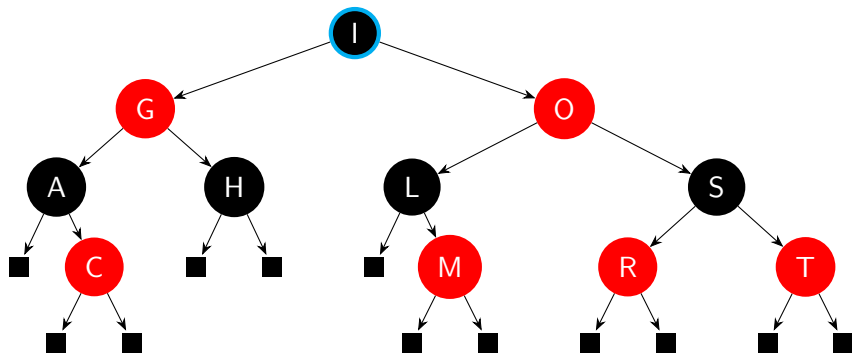
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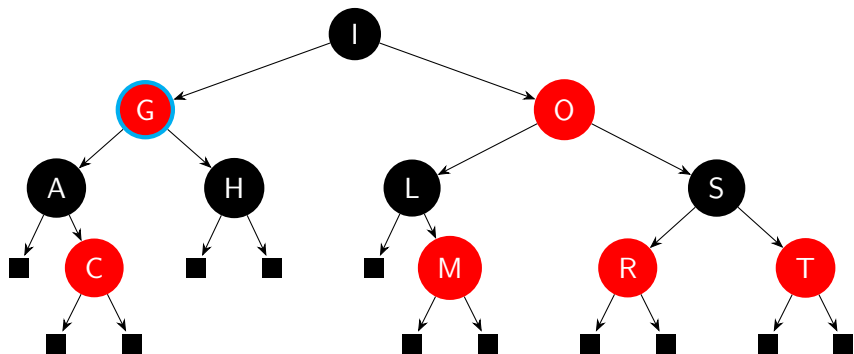
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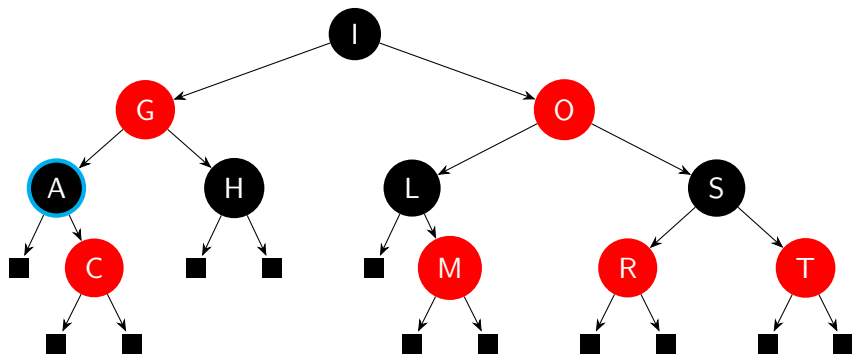
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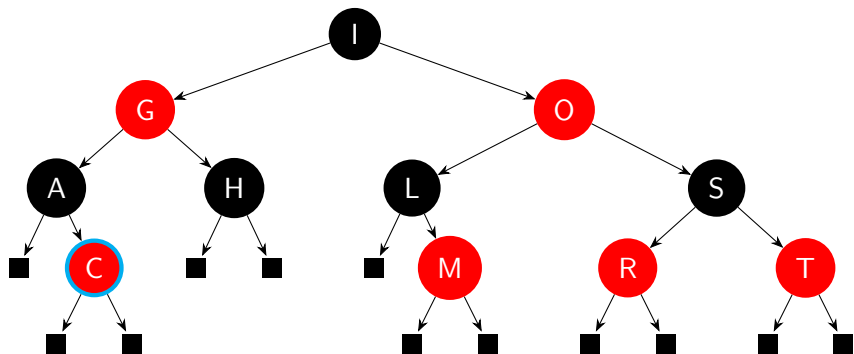
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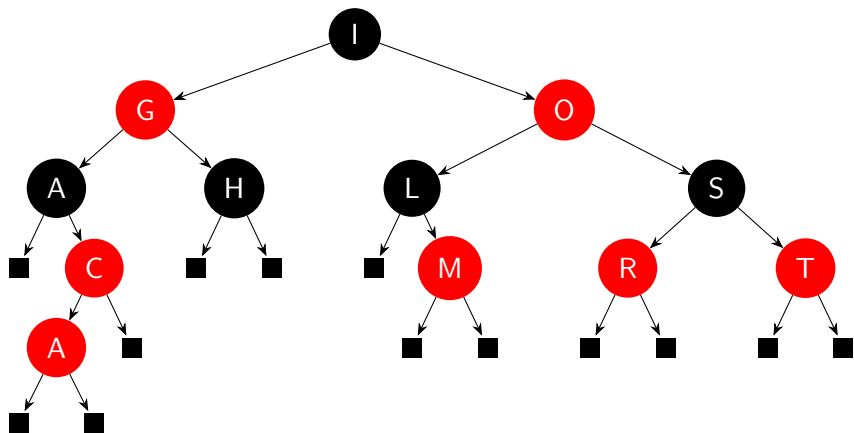
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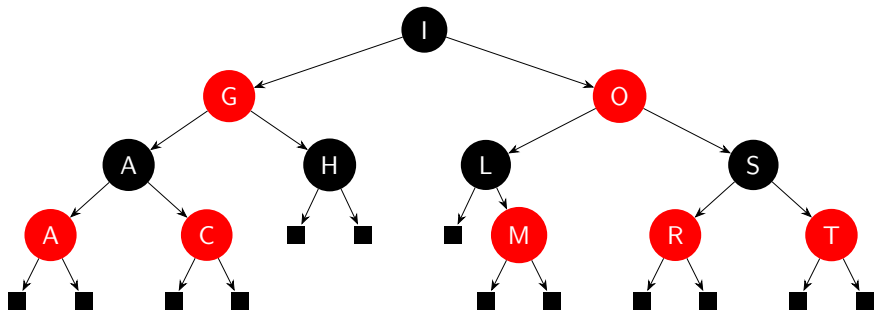
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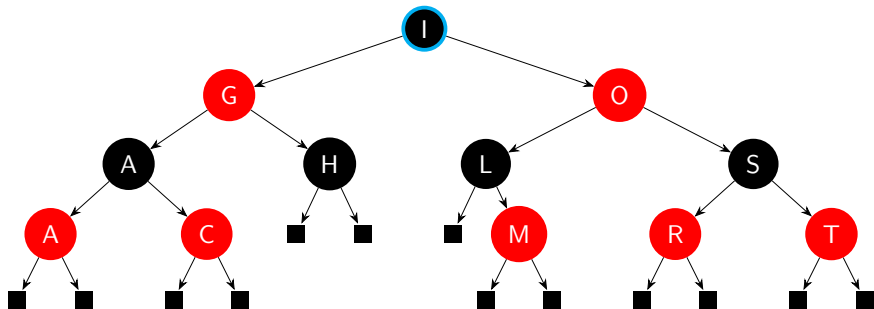
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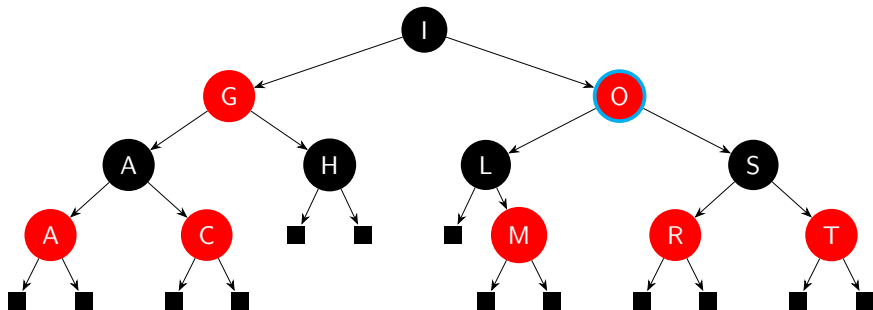
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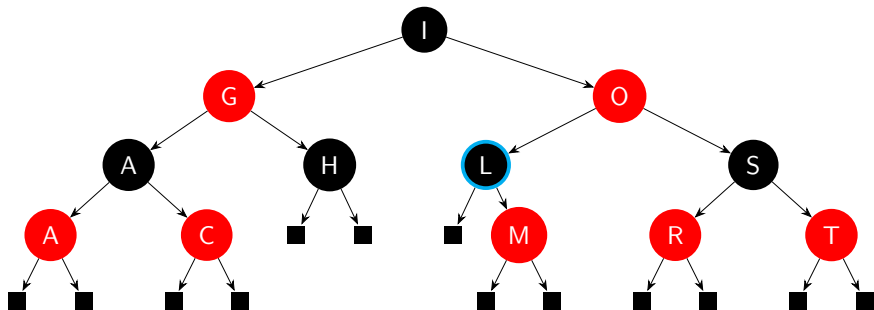
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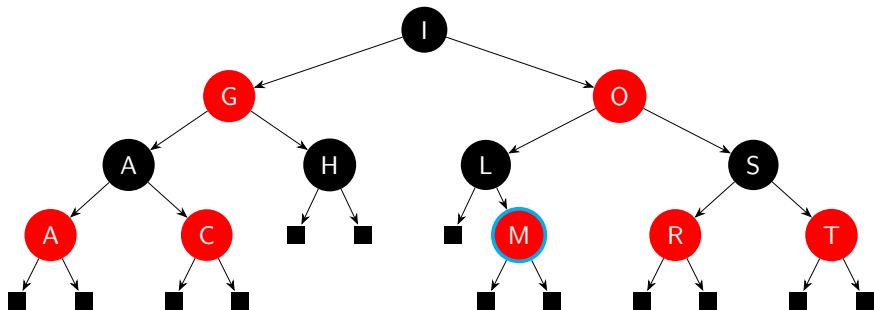
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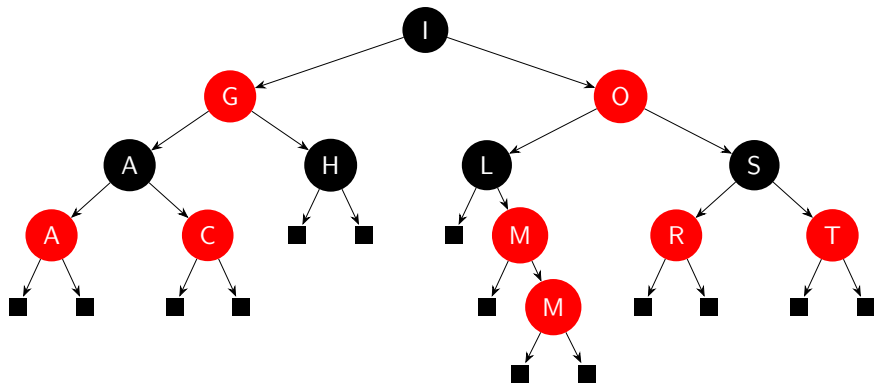
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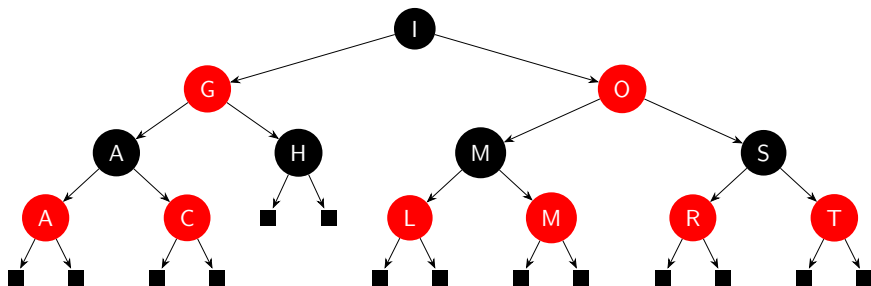
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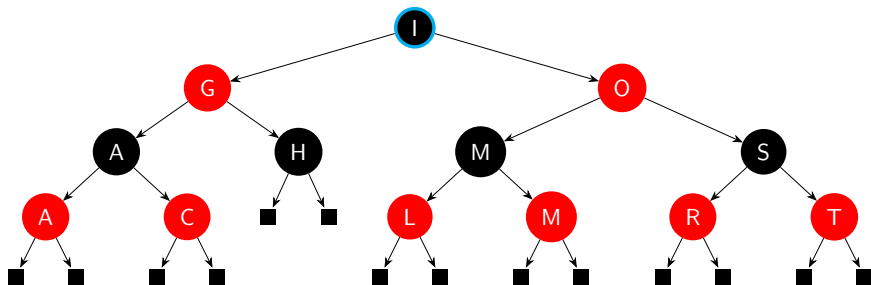
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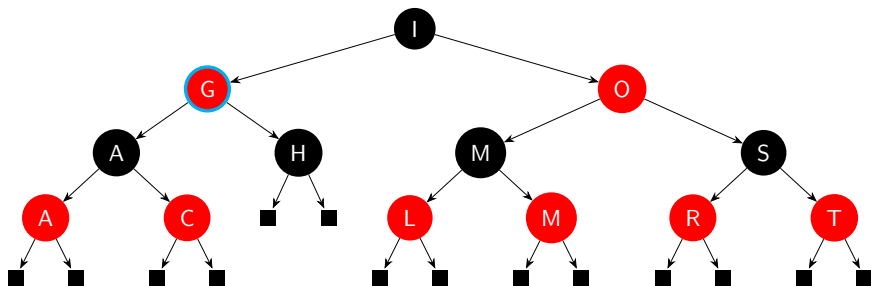
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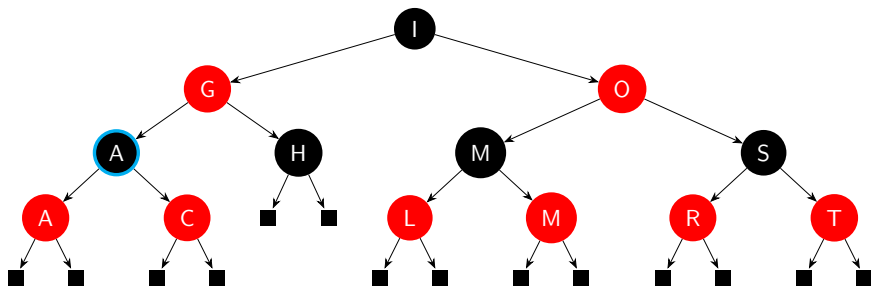
Inserting 'B'



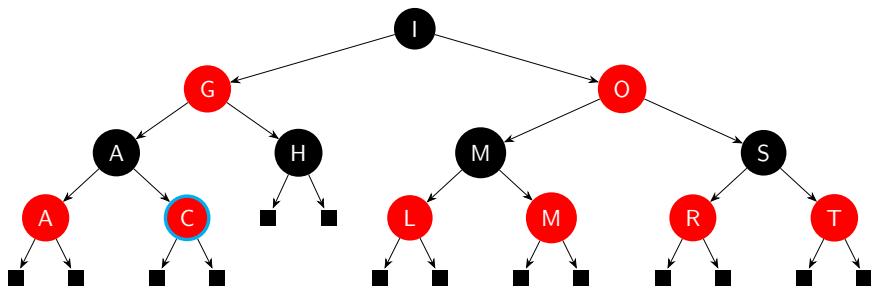
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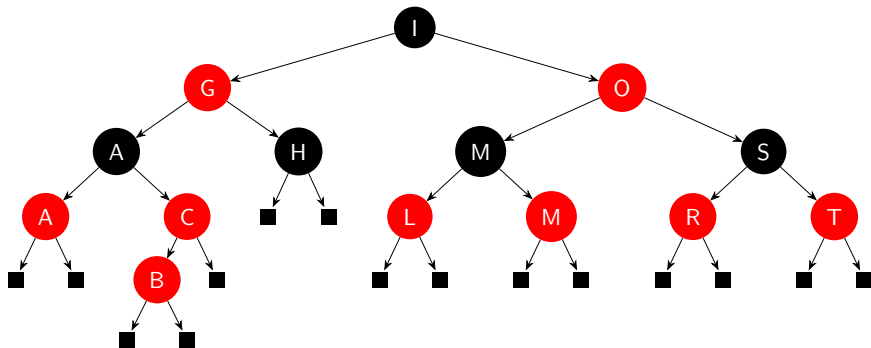
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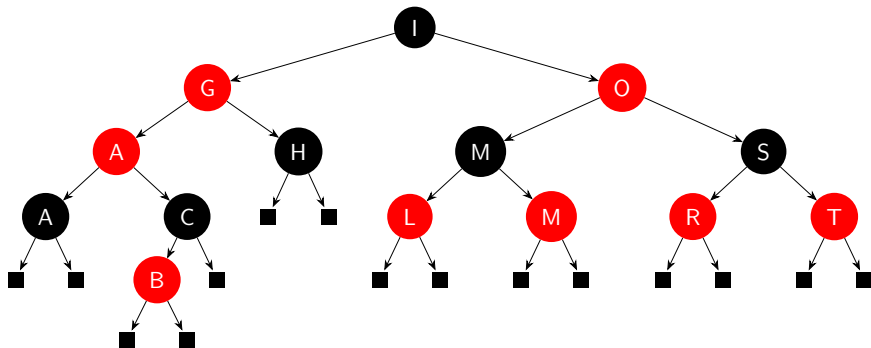
Inserting 'B'



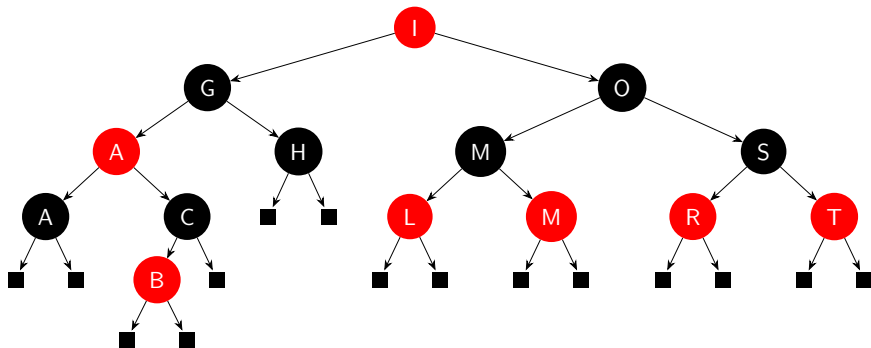
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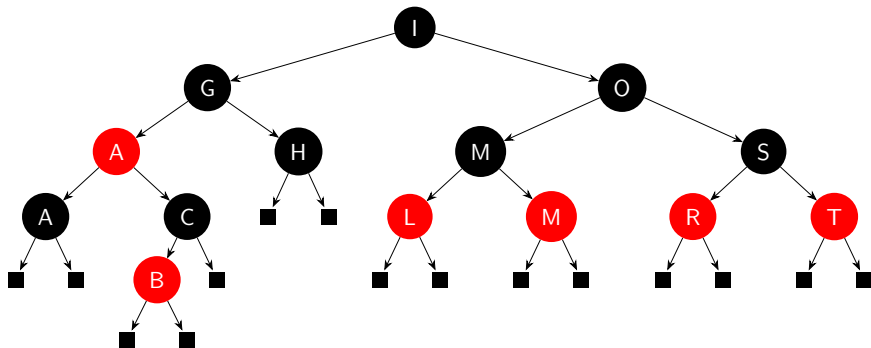
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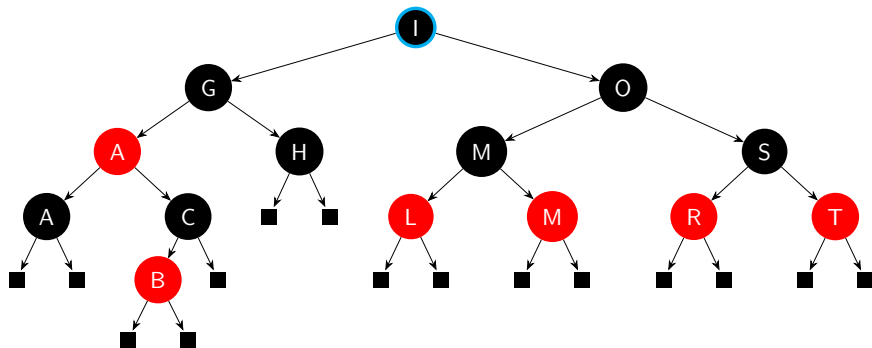
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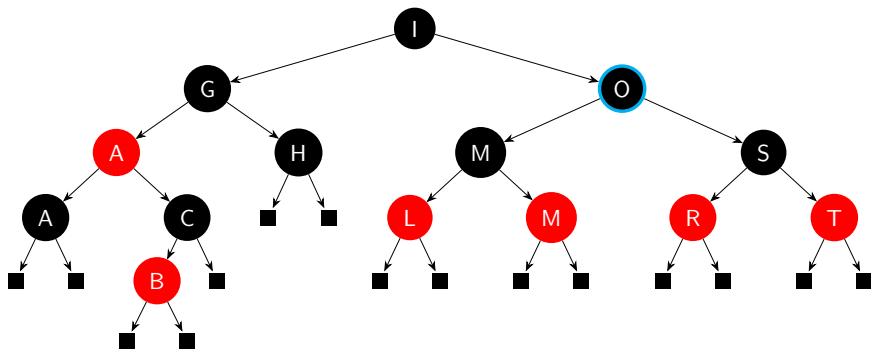
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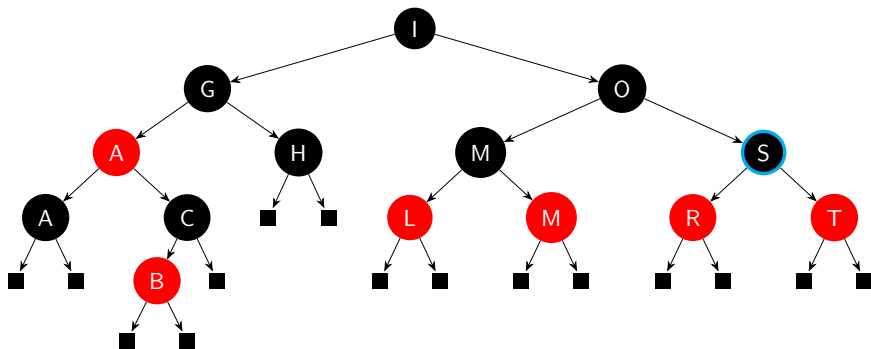
Inserting 'R'



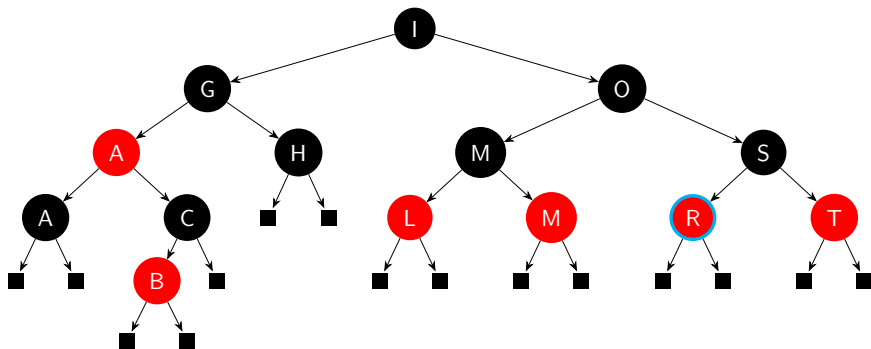
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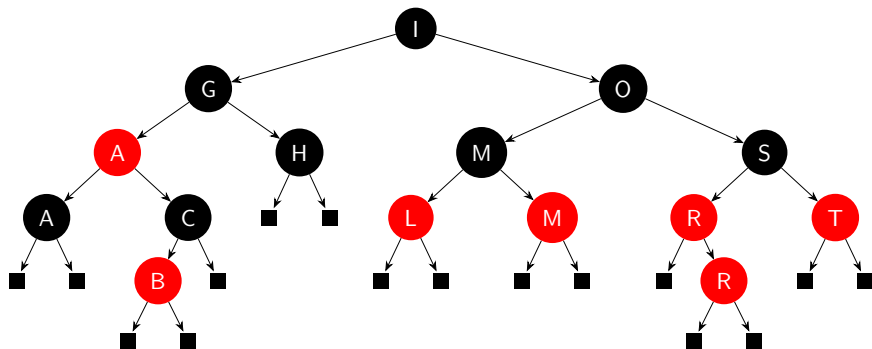
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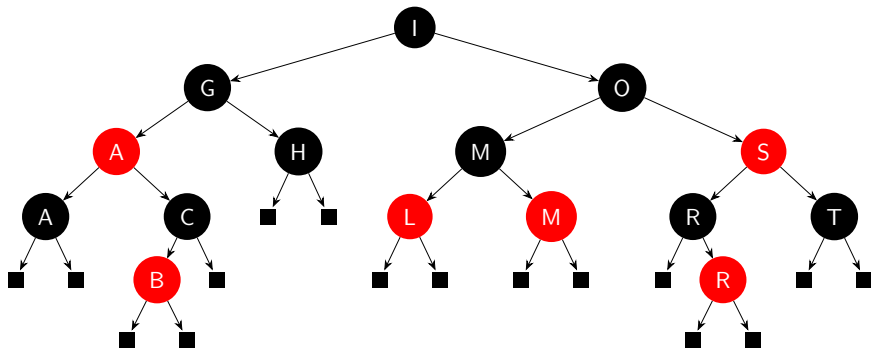
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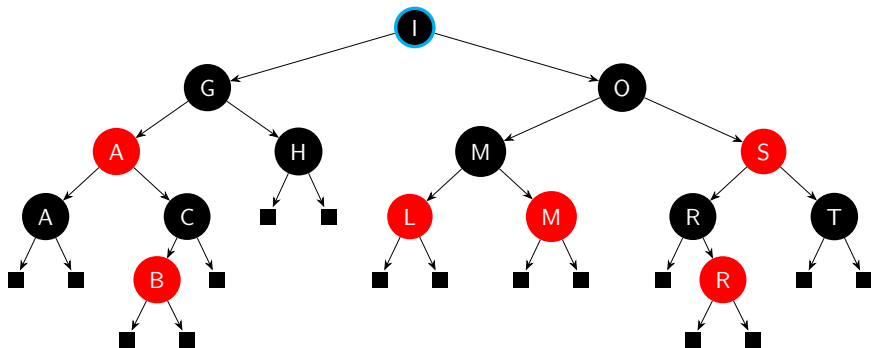
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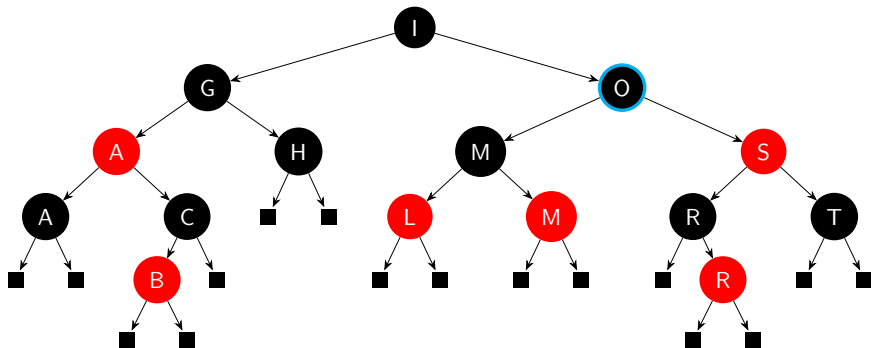
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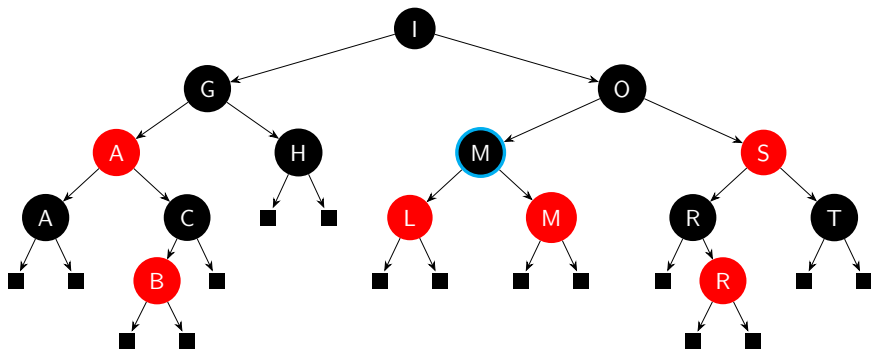
Inserting 'I'



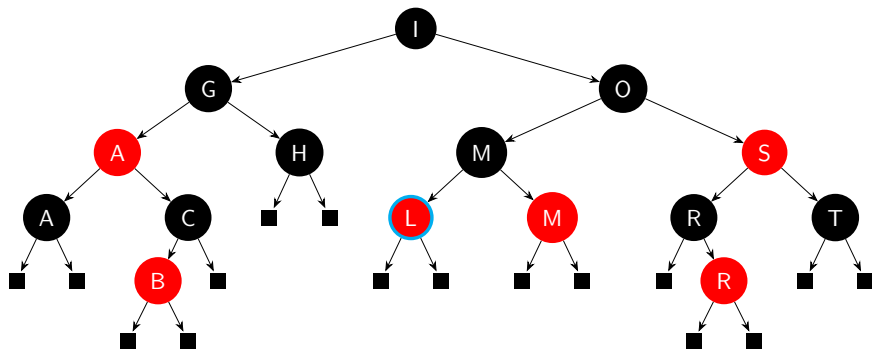
Inserting 'l'



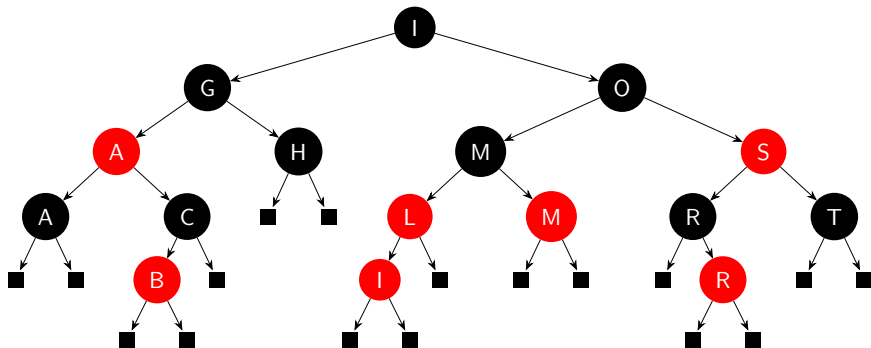
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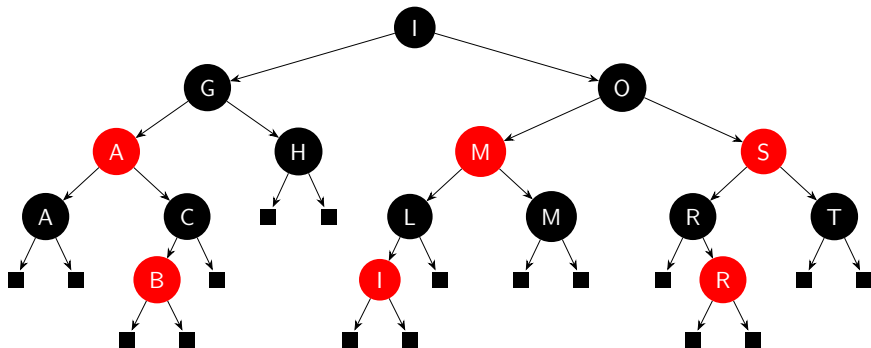
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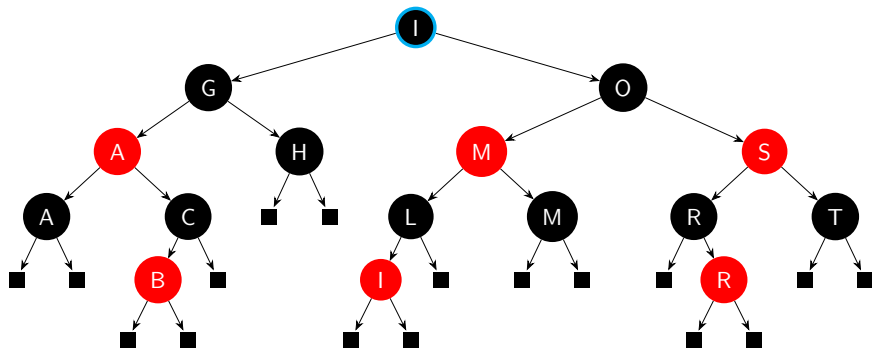
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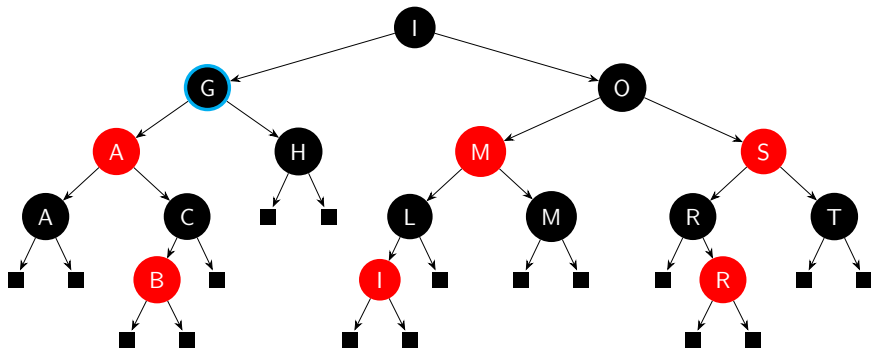
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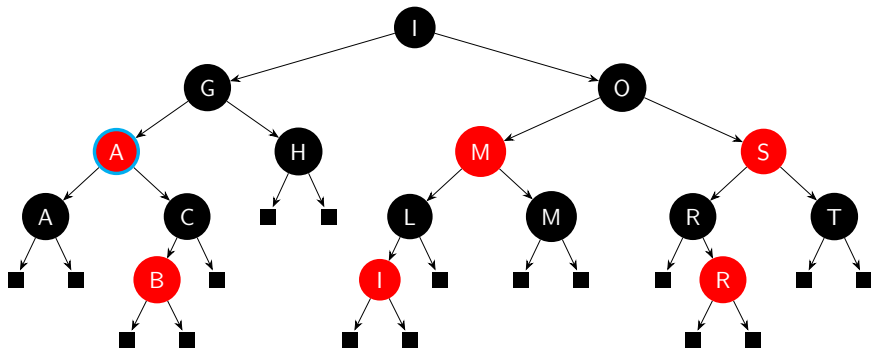
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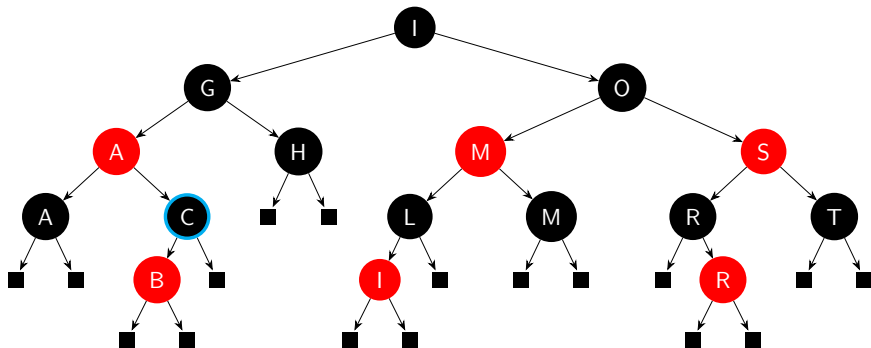
Inserting 'D'



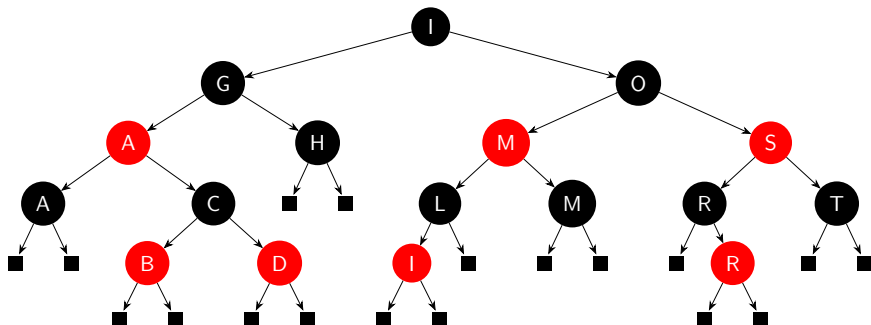
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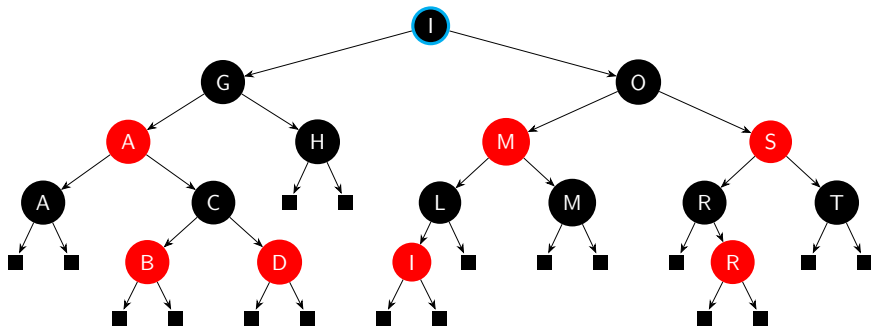
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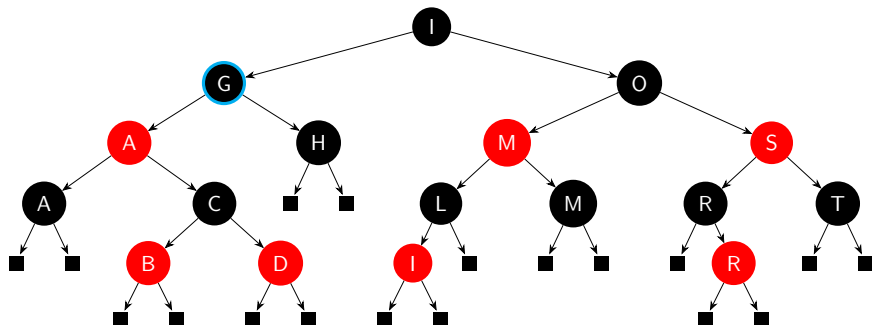
Inserting 'D'



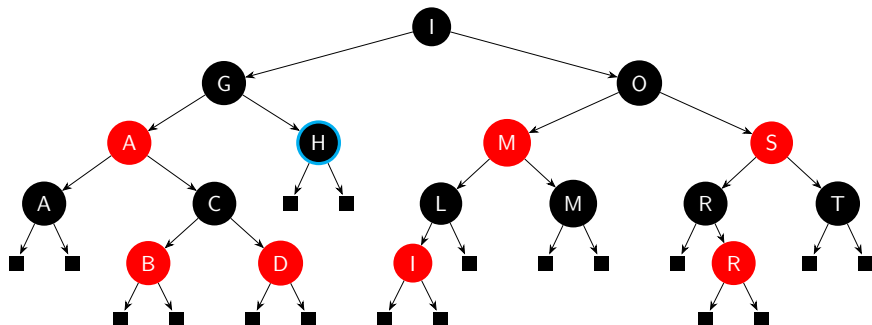
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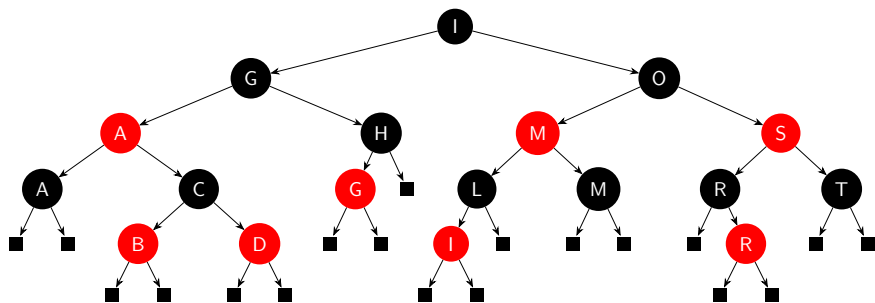
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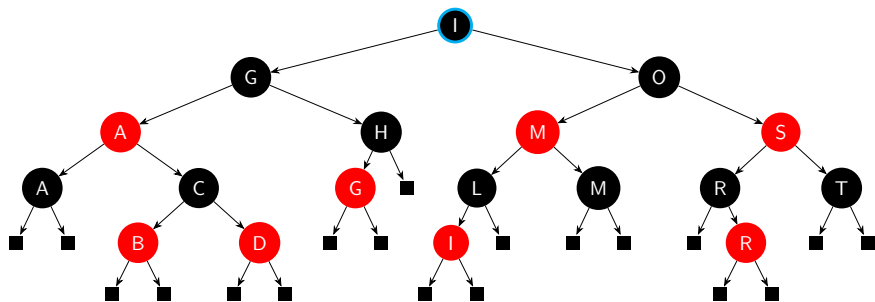
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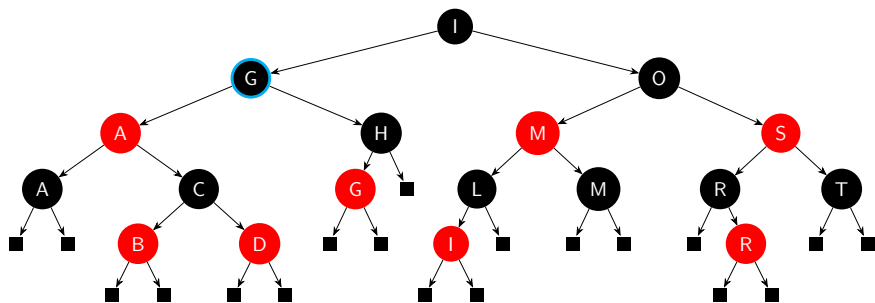
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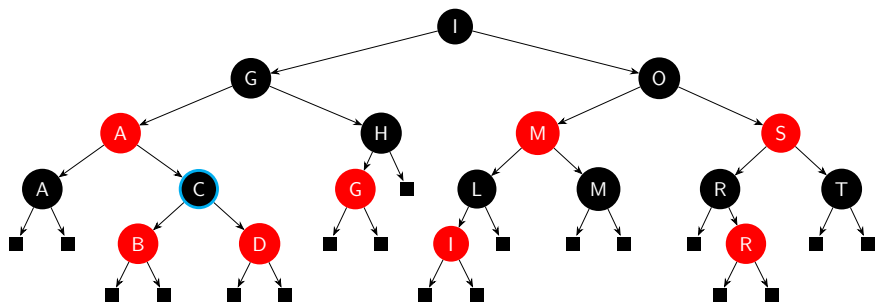
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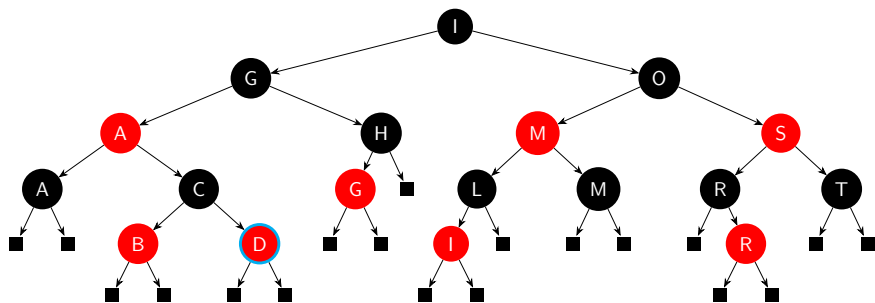
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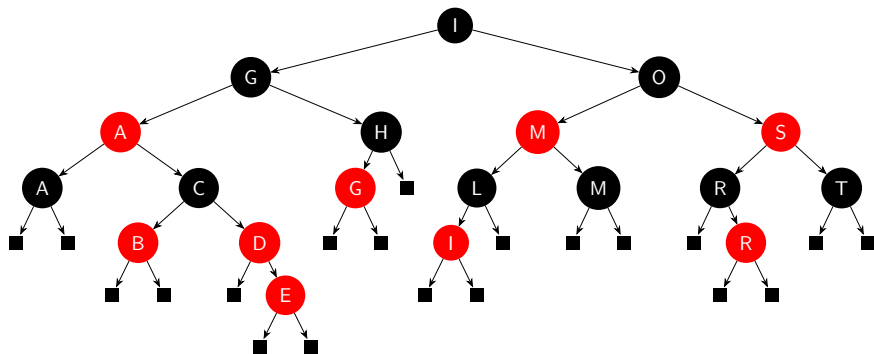
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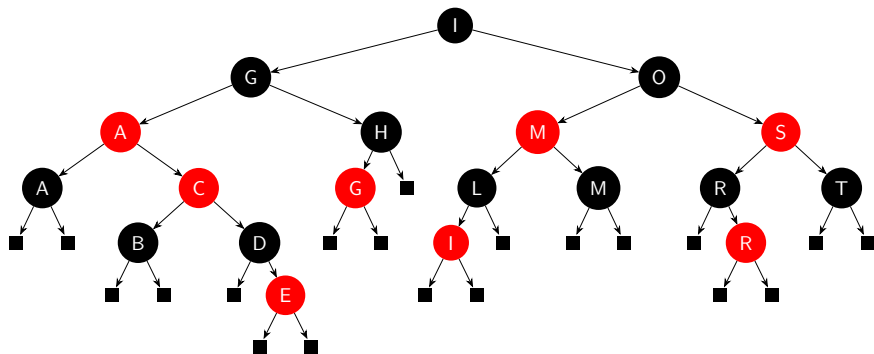
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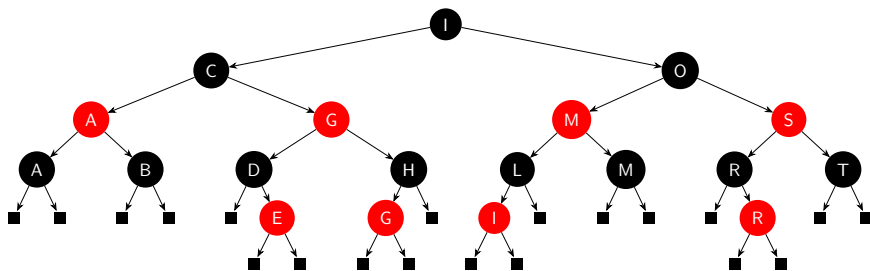
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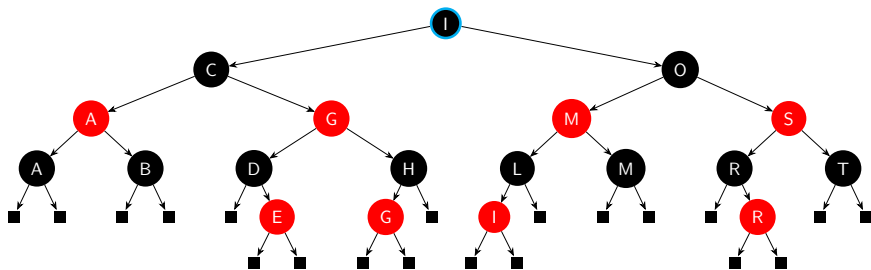
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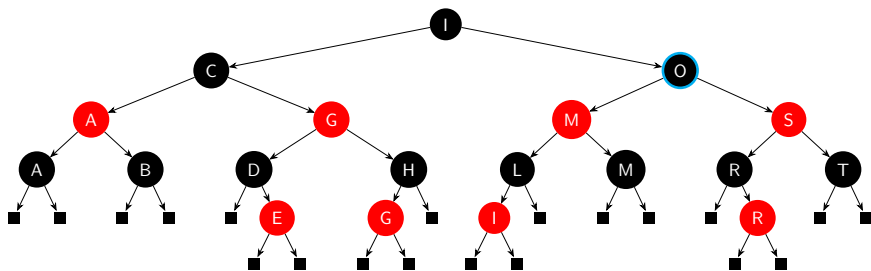
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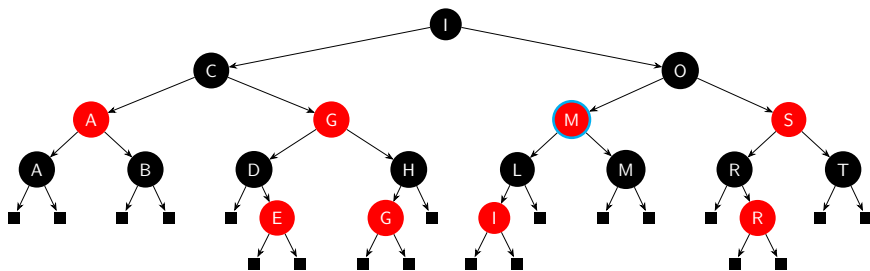
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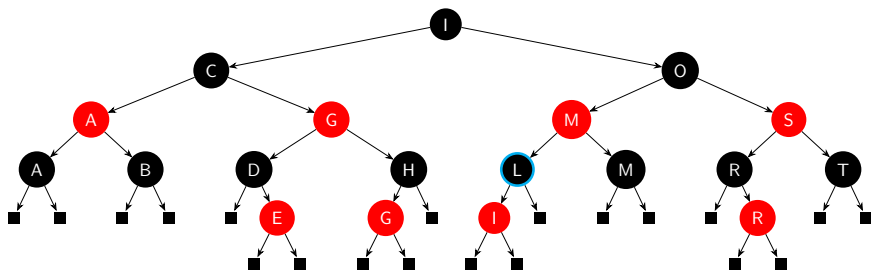
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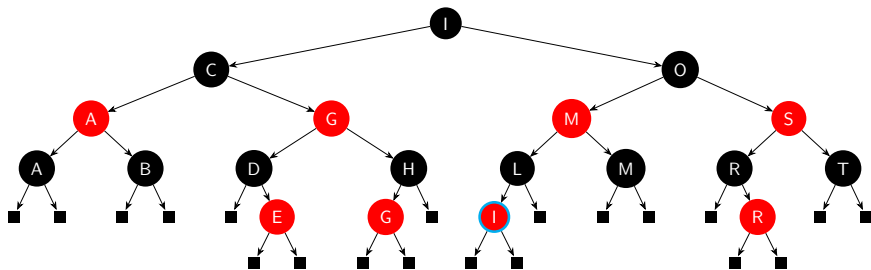
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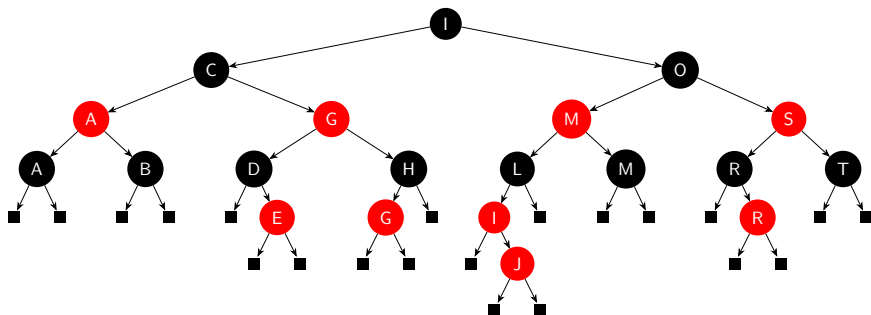
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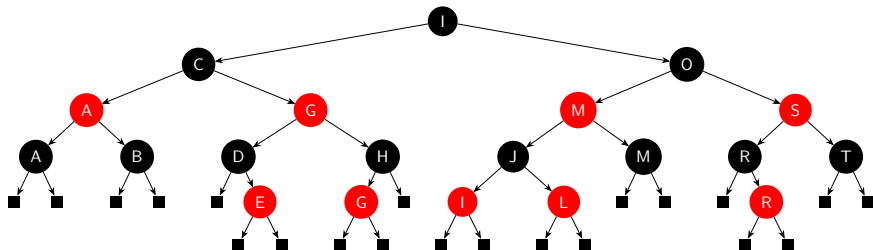
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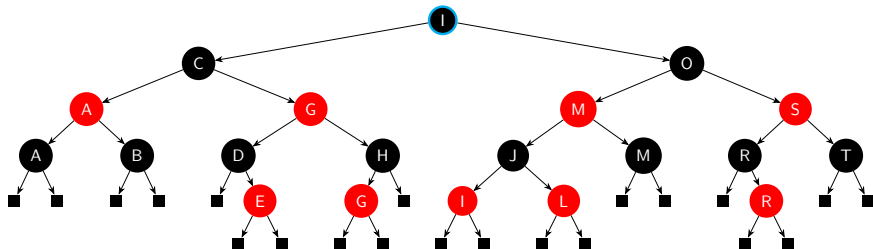
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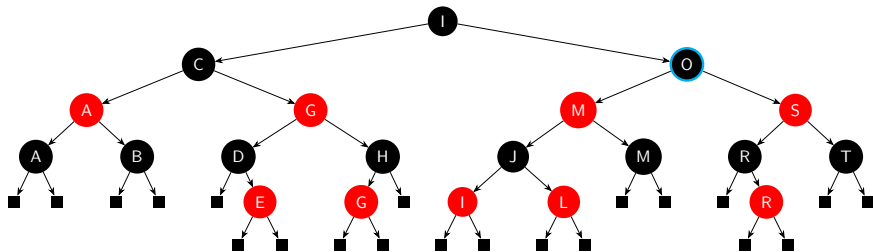
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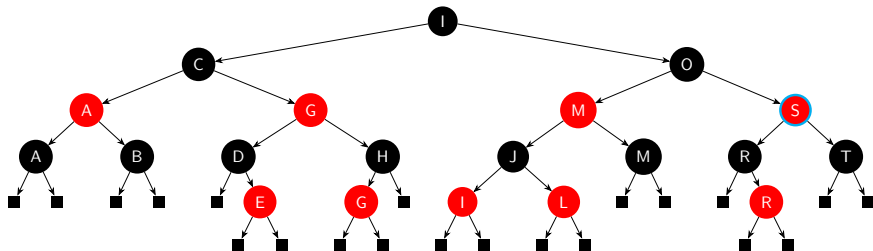
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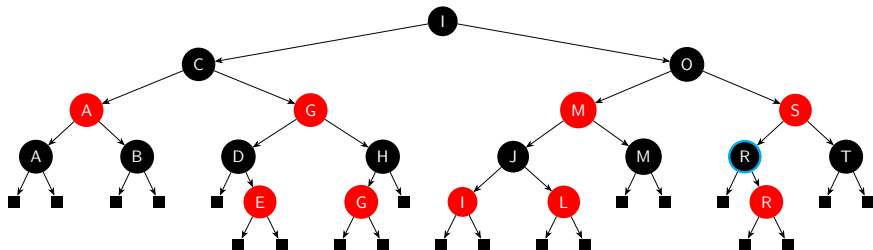
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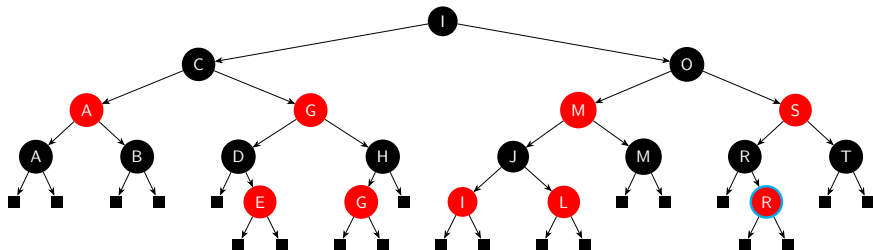
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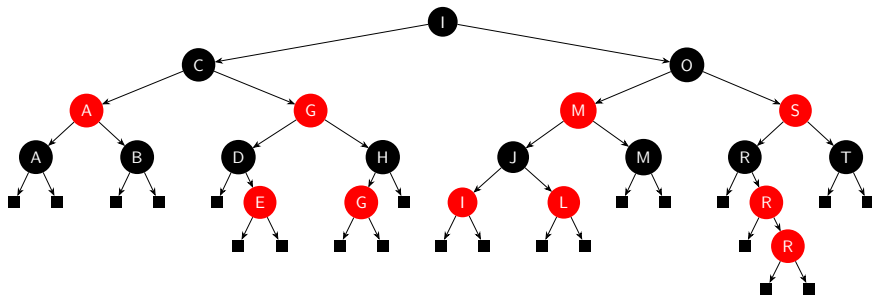
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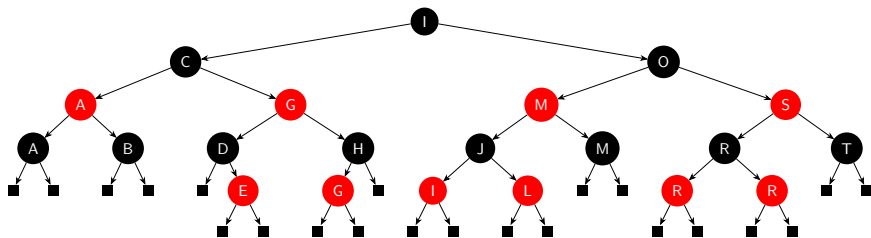
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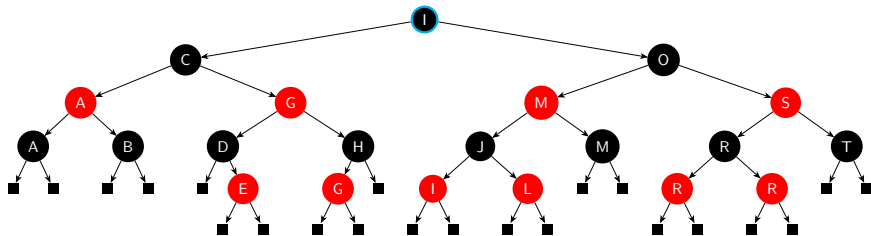
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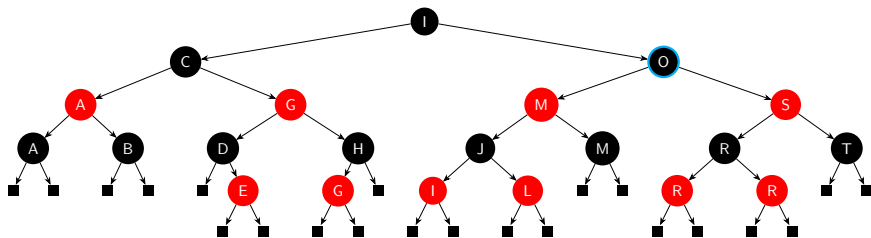
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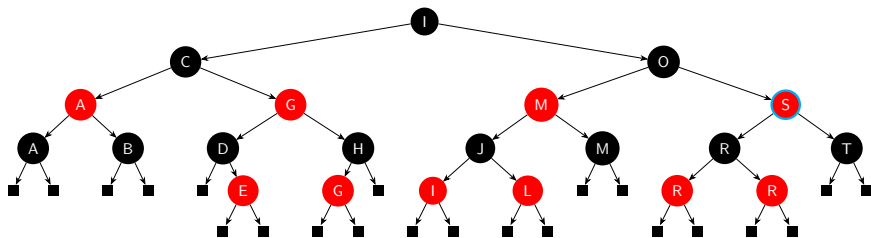
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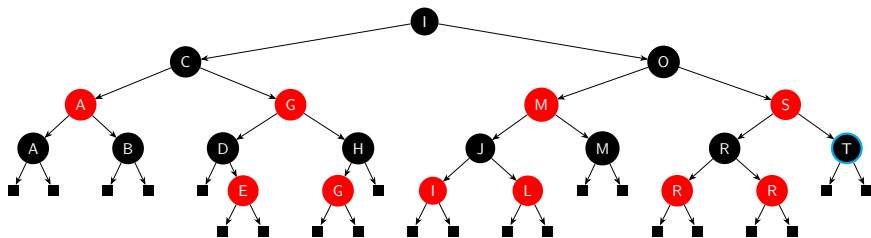
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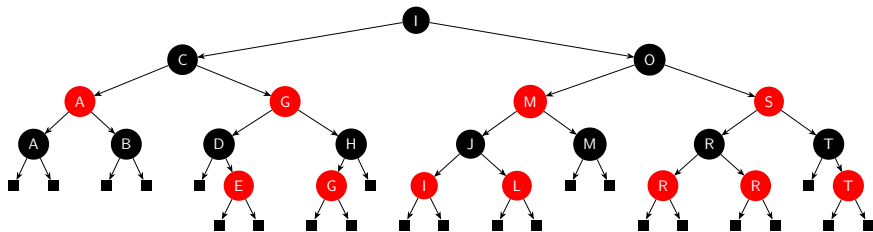
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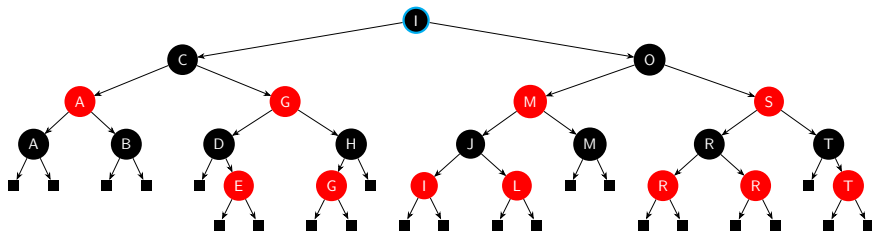
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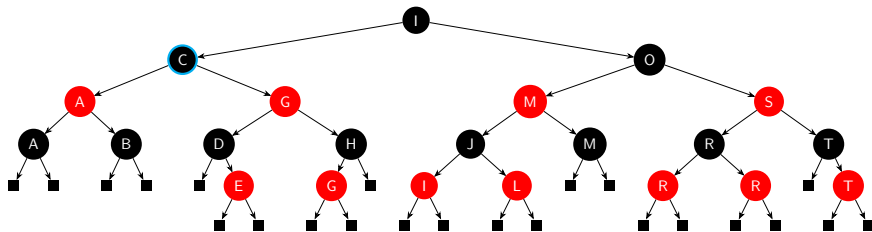
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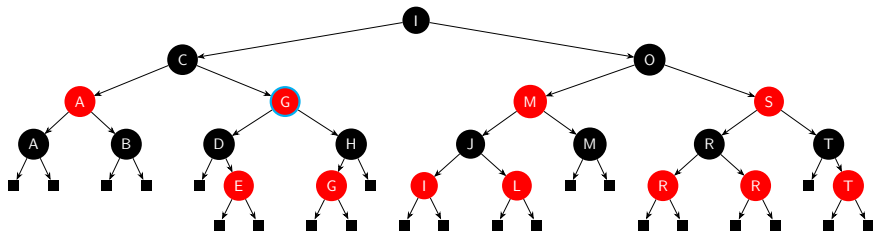
Inserting 'C'



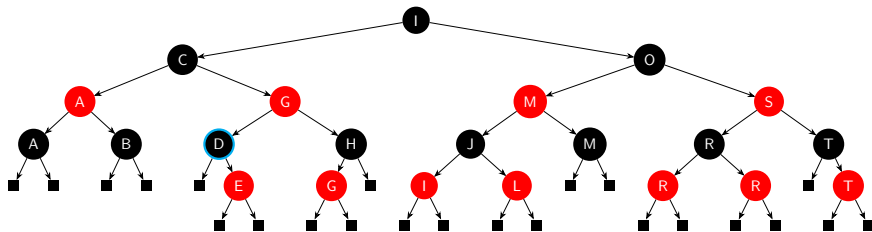
Inserting 'C'



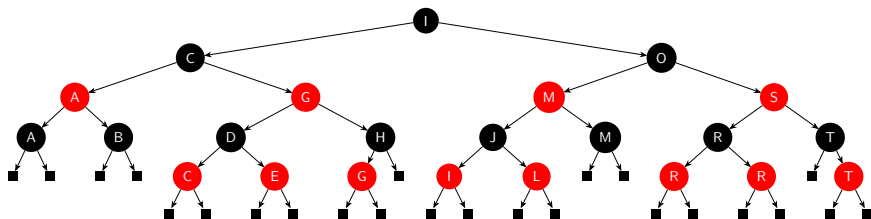
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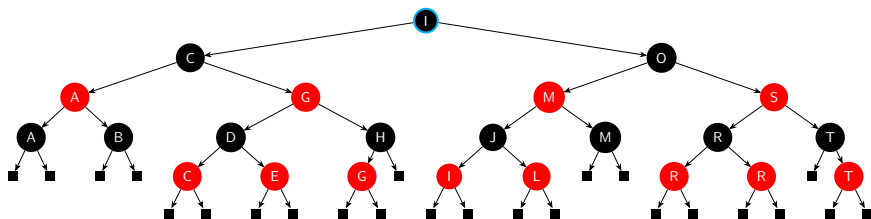
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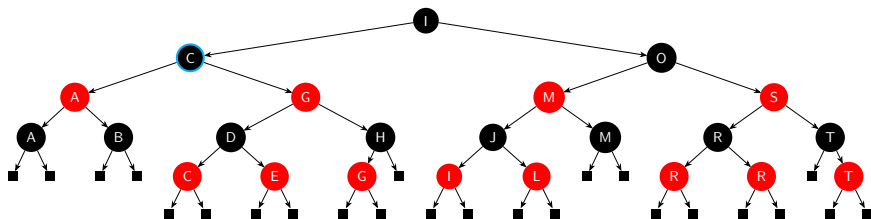
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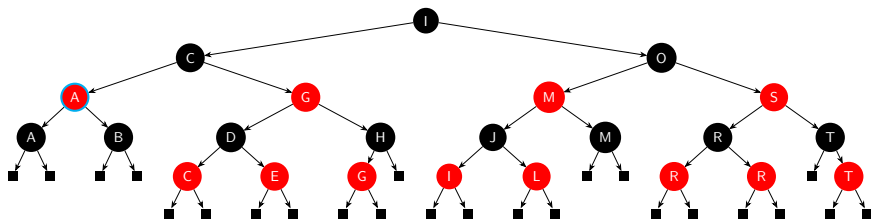
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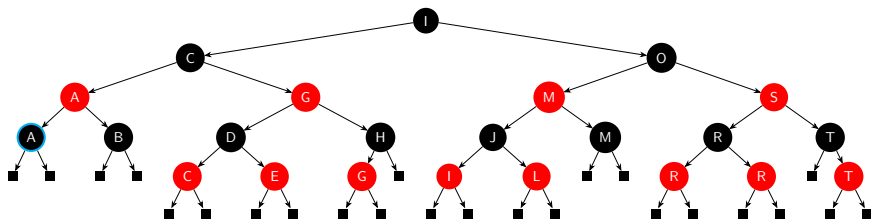
Inserting '4'



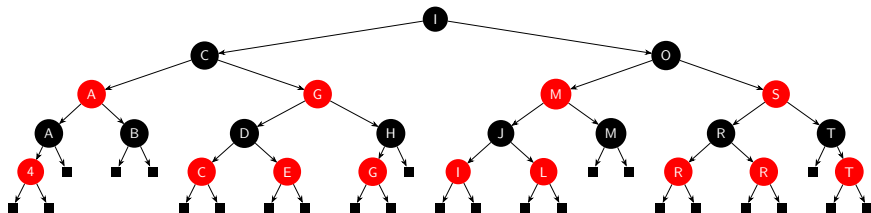
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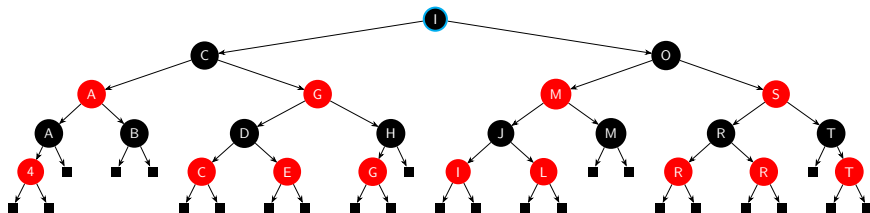
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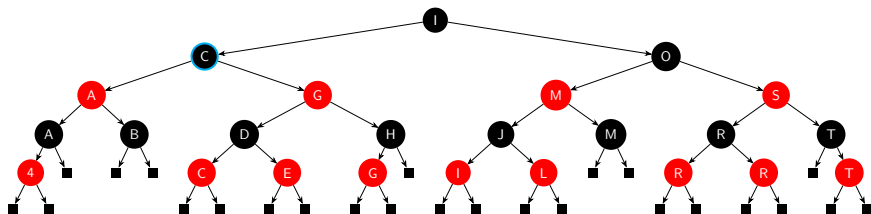
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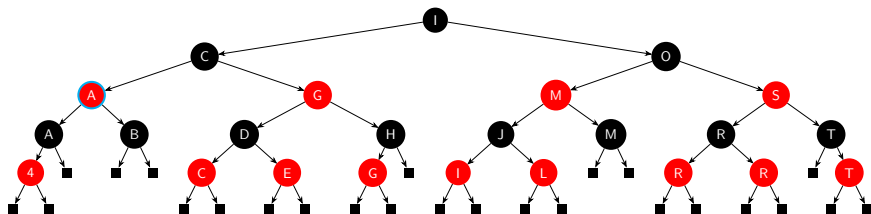
Finding 'A'



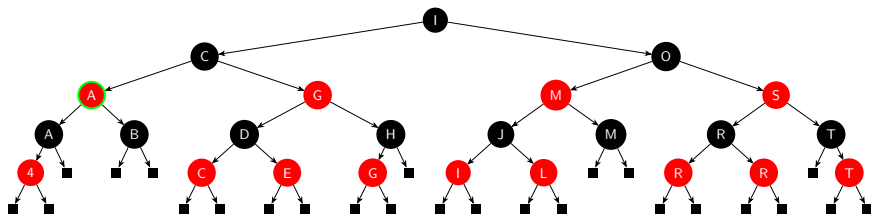
Finding 'A'



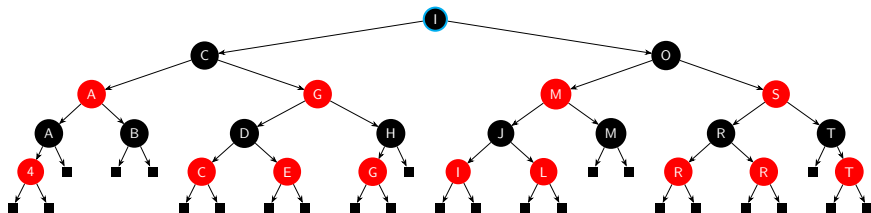
Finding 'A'



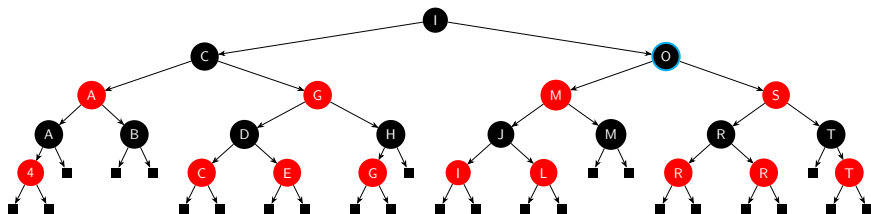
Finding 'A'



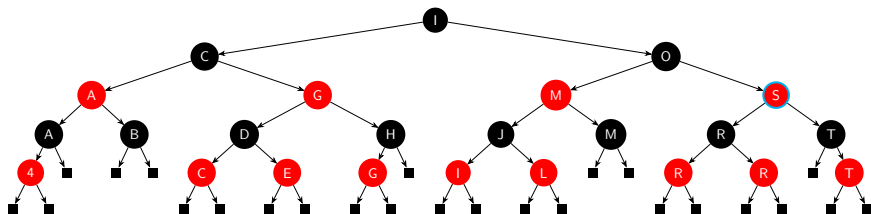
Finding 'Z'



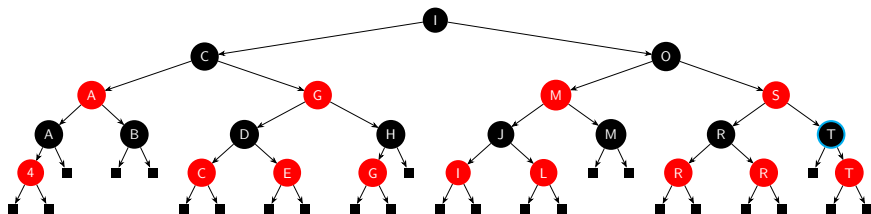
Finding 'Z'



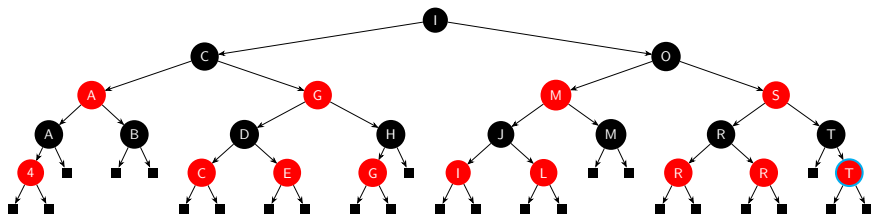
Finding 'Z'



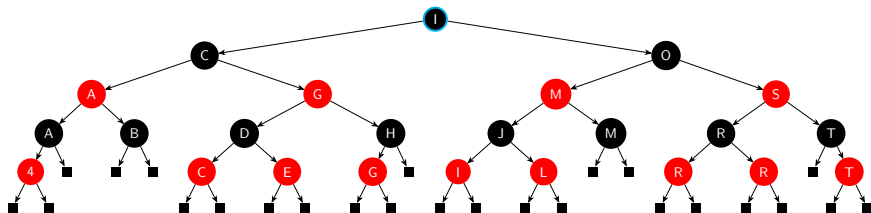
Finding 'Z'



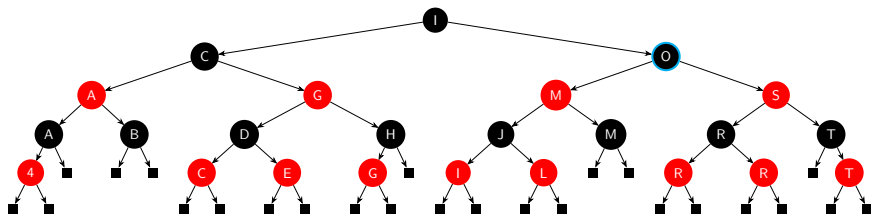
Finding 'Z'



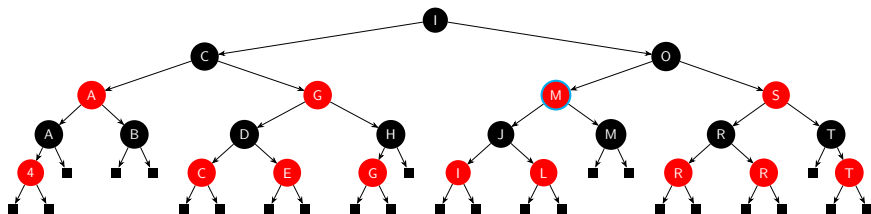
Predecessor of 'M'



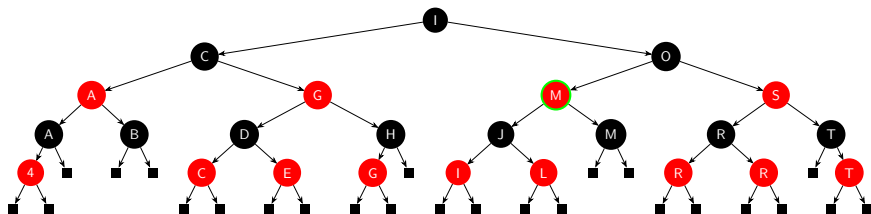
Predecessor of 'M'



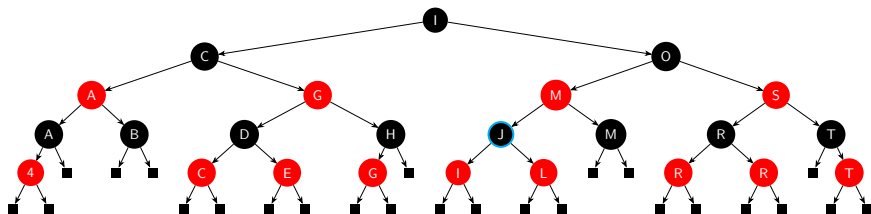
Predecessor of 'M'



Predecessor of 'M'



Predecessor of 'M'



Predecessor of 'M'

