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# Binary search tree → The complexity of basic operations

 Medium  1 minute 

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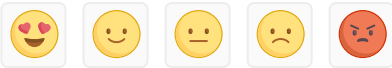
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↵ Select one option from the list

- ☐ The run-time of the search operation is  $O(n)$  on average.
- ☐ The run-time of inserting the element is  $O(\log n)$  at worst
- ☐ The run-time of the delete operation is  $O(\log n)$  on average.
- ☐ If it is possible to find a node in  $\log n$  comparisons, then at least  $n$  comparisons will be needed to delete it.

✓ Correct.

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