



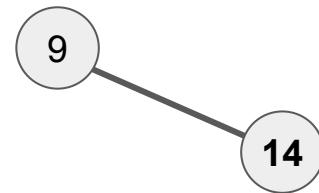
Arbre binaire de recherche | Exemples d'insertions

S = [9, 14, 5, 3, 7, 12, 3, 6, 13, 21, 8, 4]



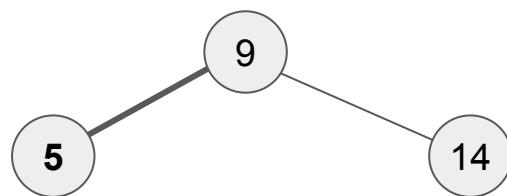
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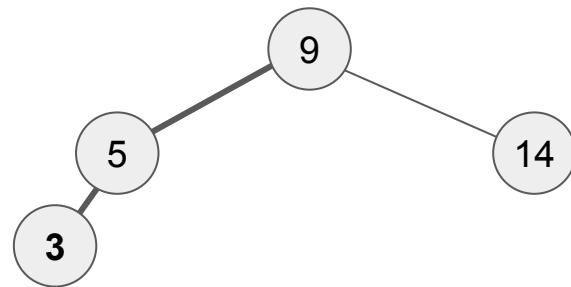
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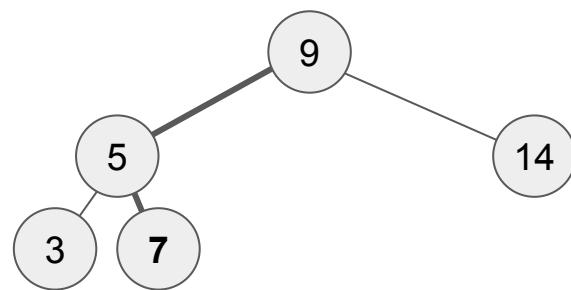
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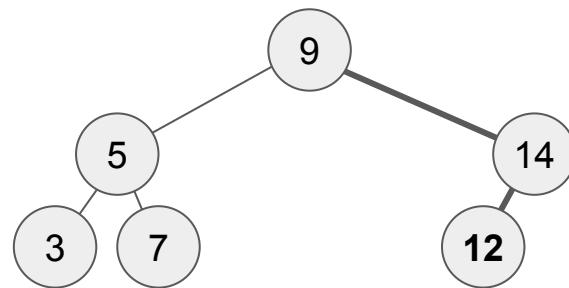
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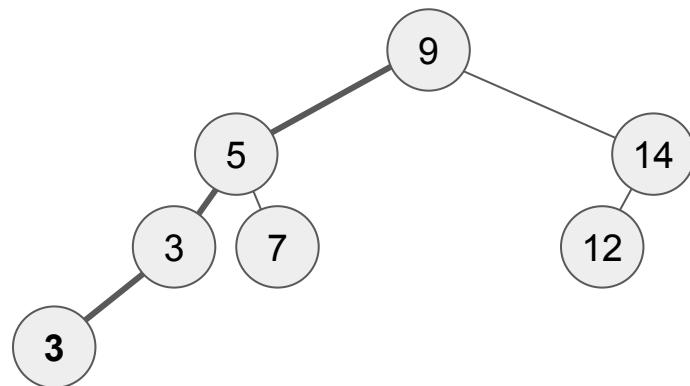
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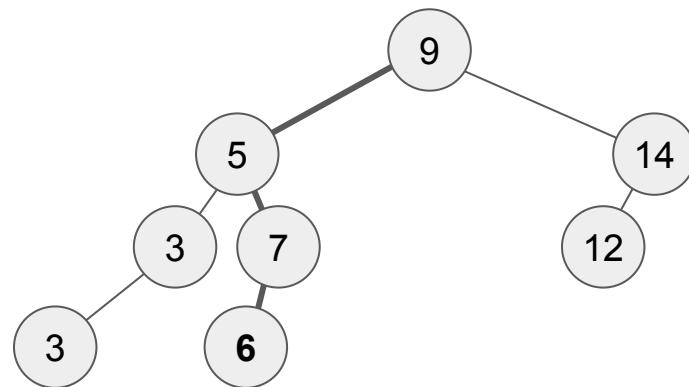
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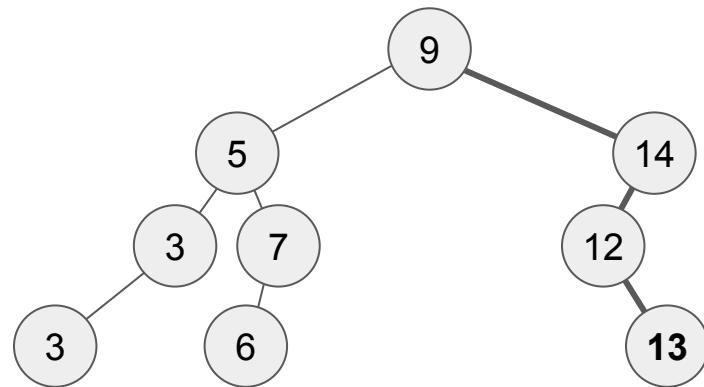
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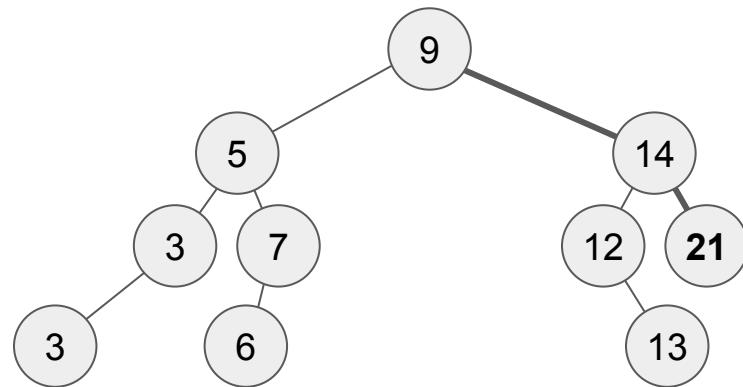
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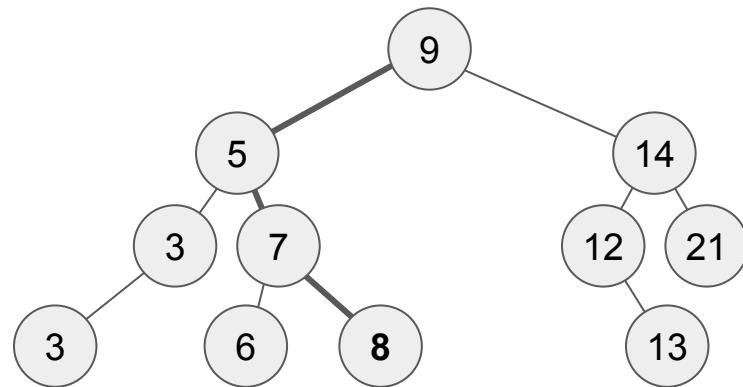
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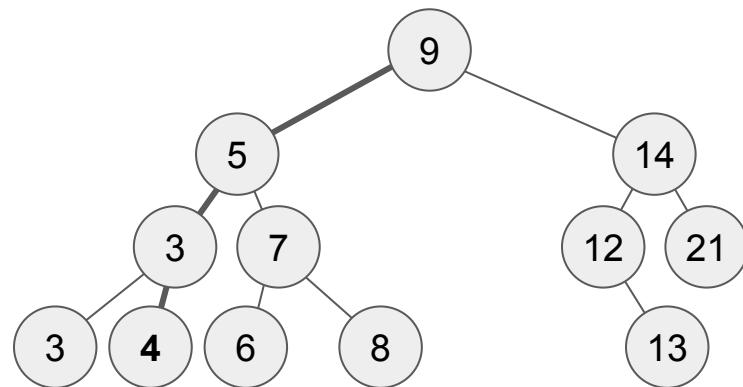
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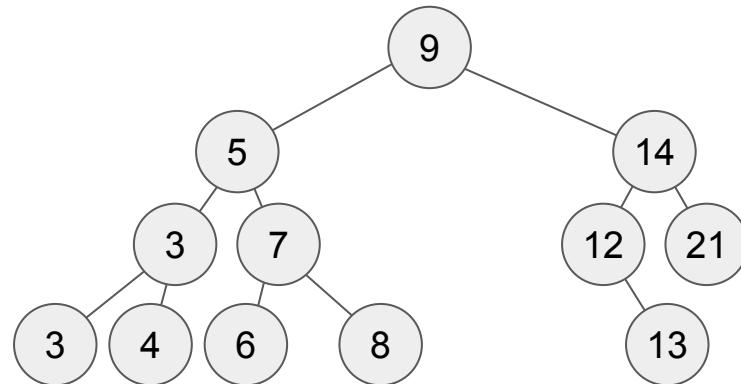
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Arbre binaire de recherche | Exemples de recherche

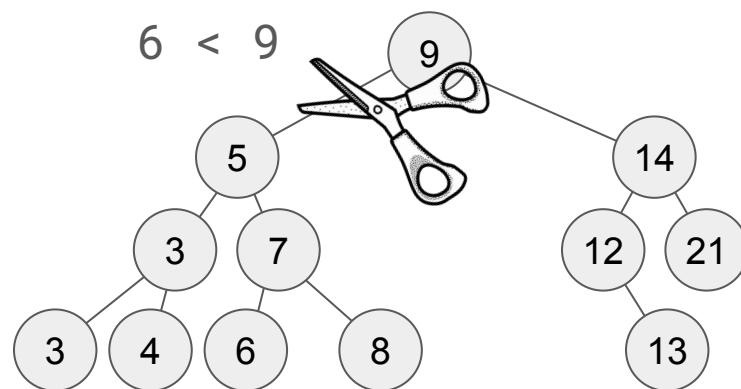
Chaque noeud peut être vu comme la racine d'un sous-arbre binaire.

Vue sous cet angle, la recherche par arbre binaire trié ressemble beaucoup à la recherche dichotomique.



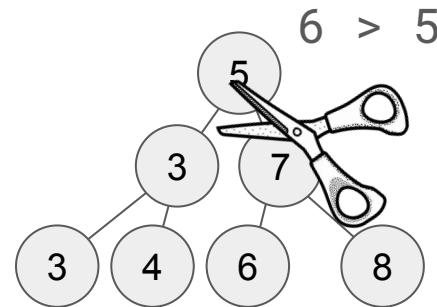
Arbre binaire de recherche | Exemples de recherche

get_node(6)



Arbre binaire de recherche | Exemples de recherche

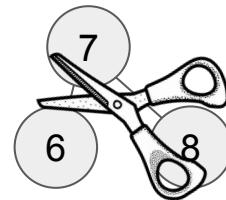
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Arbre binaire de recherche | Exemples de recherche

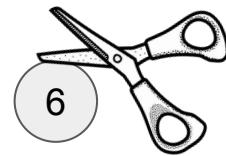
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6 < 7



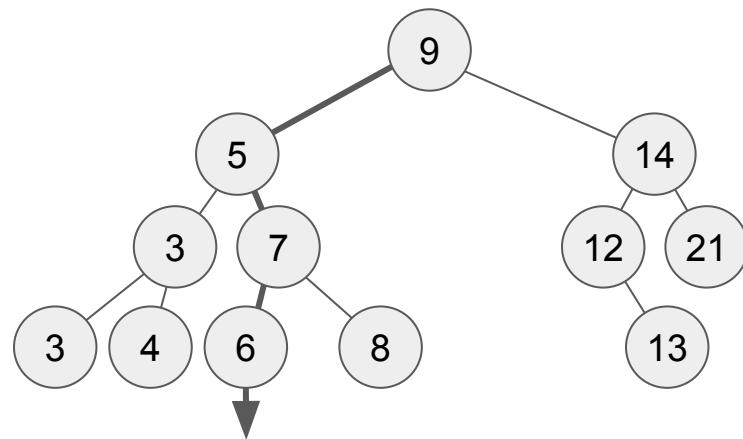
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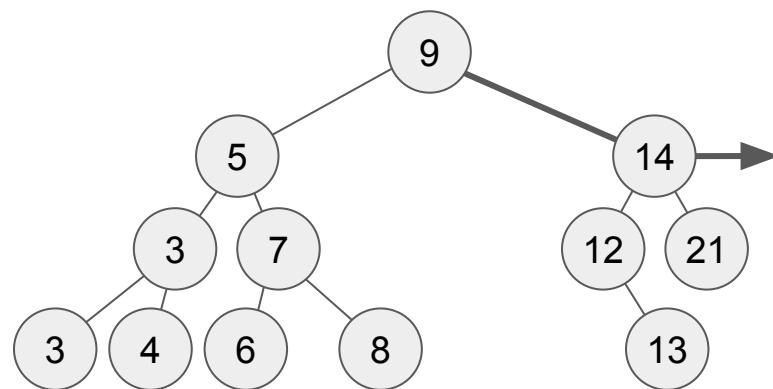
Arbre binaire de recherche | Exemples de recherche

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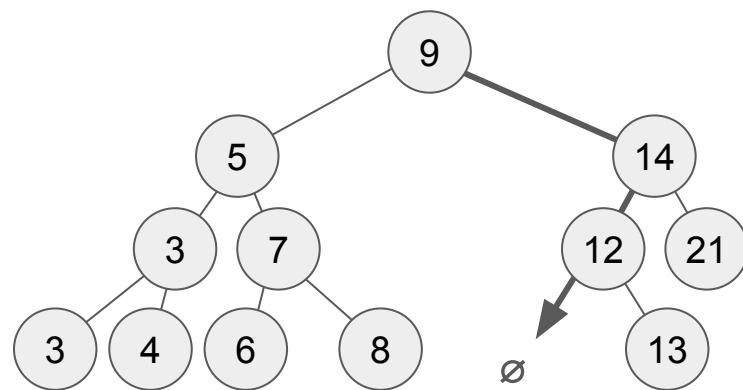
Arbre binaire de recherche | Exemples de recherche

get_node(14)



Arbre binaire de recherche | Exemples de recherche

get_node(11)



Arbre de tri binaire

Notons que tout parent (sauf les feuilles) possède exactement deux enfants. Certains enfants peuvent représenter une absence de valeur : dans les exemples précédents, on ne les dessinait même pas.

