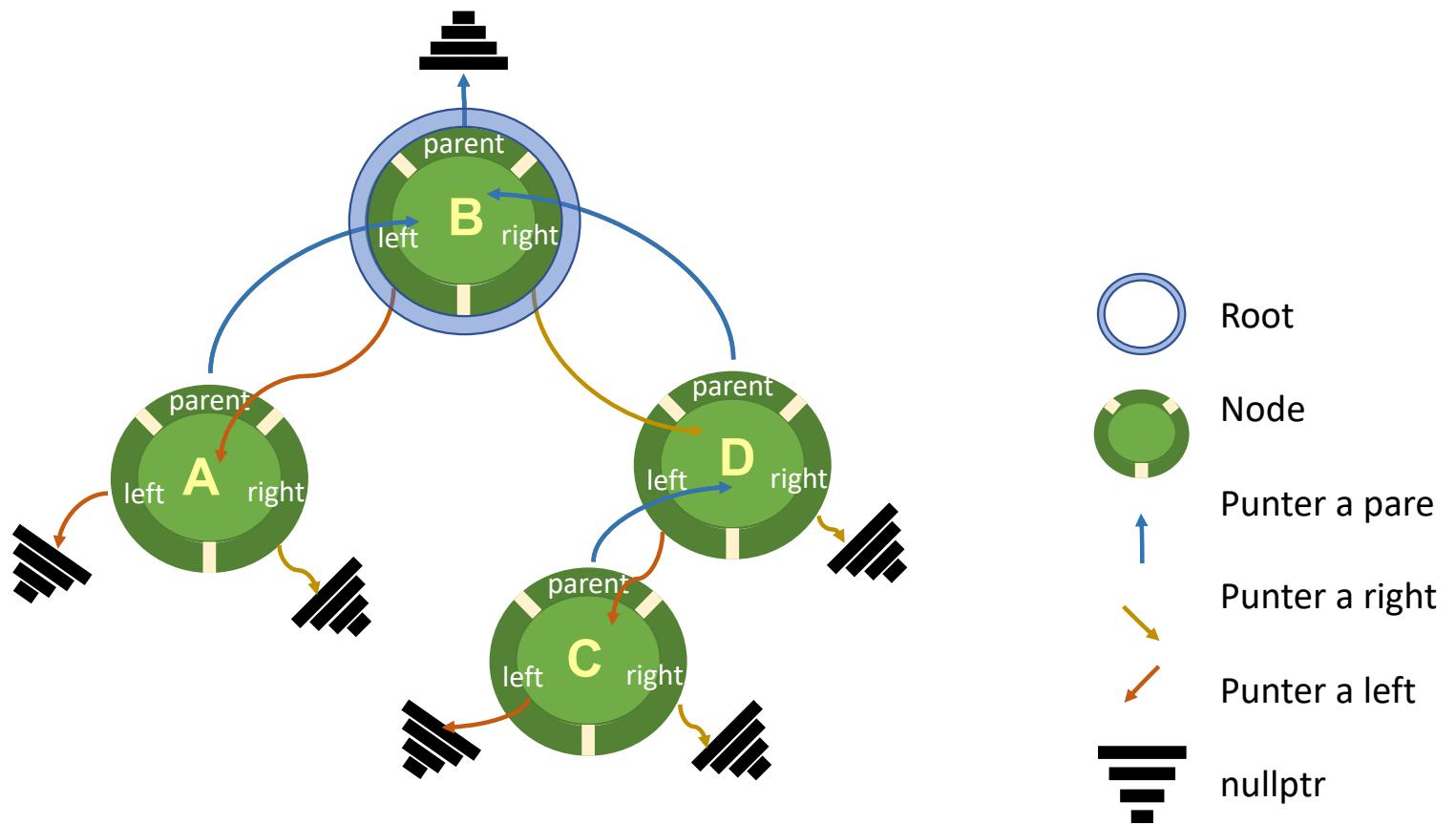




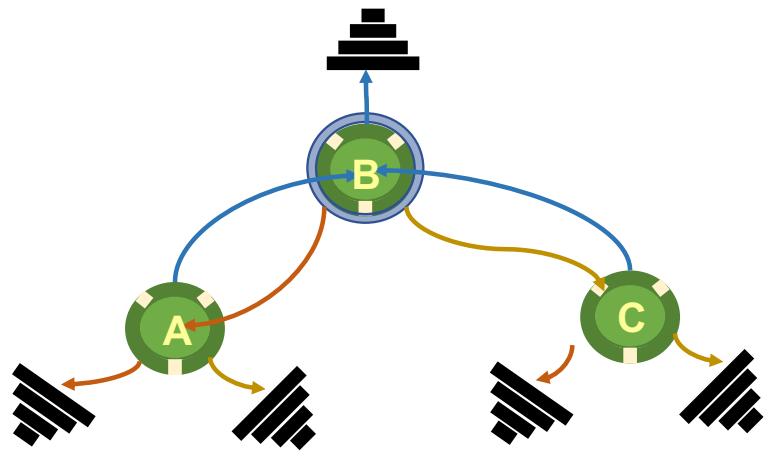
Estructura de dades

Diapositives de suport Pràctica 3 Arbres

Arbres amb Estructures Encadenades



Recorreguts

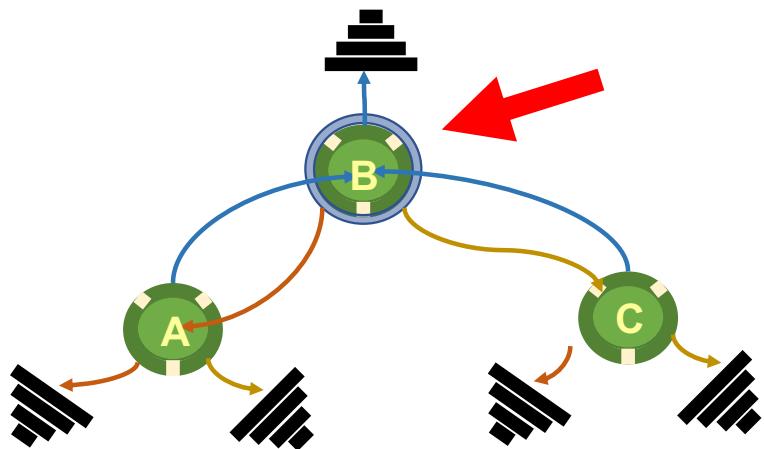


Sempre recorrem d'esquerra a dreta

El que varia en els recorreguts preordre, inordre i postordre és quan “tractem” el pare.

A C

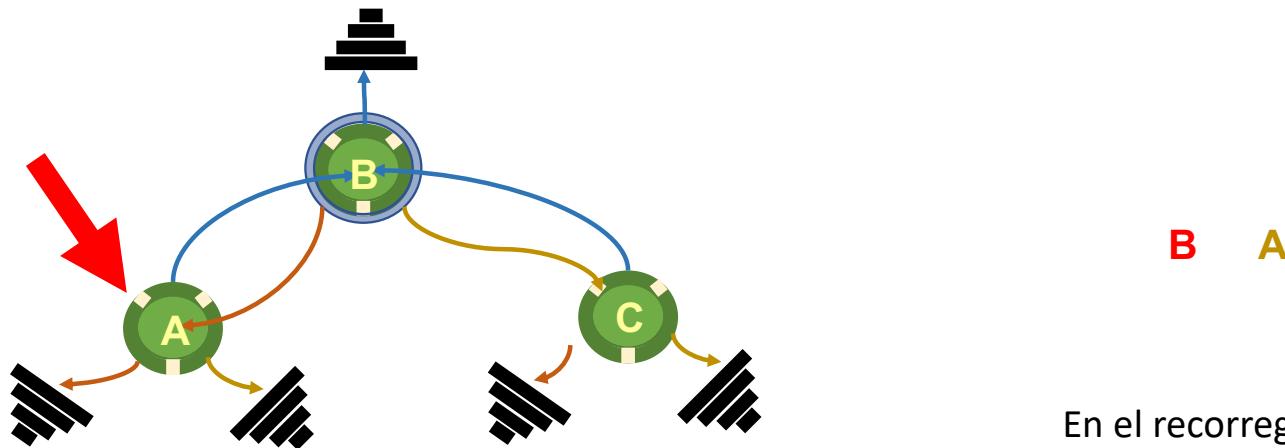
Recorregut preordre



B

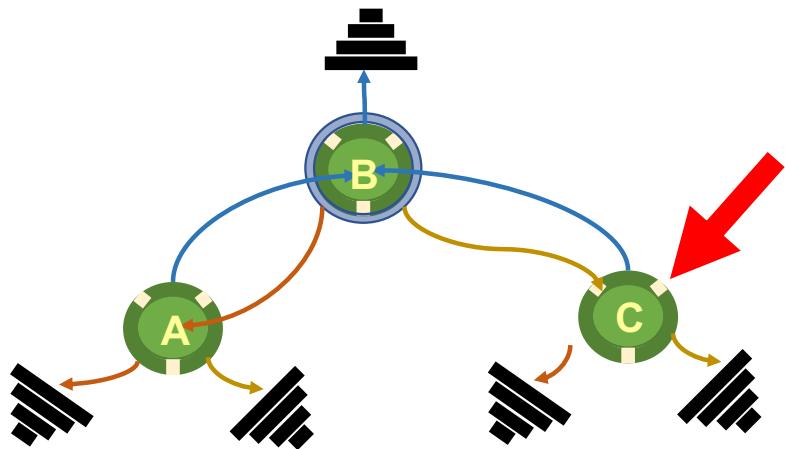
En el recorregut **preordre** el pare es tracta **prèviament** als fills

Recorregut preordre



En el recorregut **preordre** el pare es tracta **prèviament** als fills

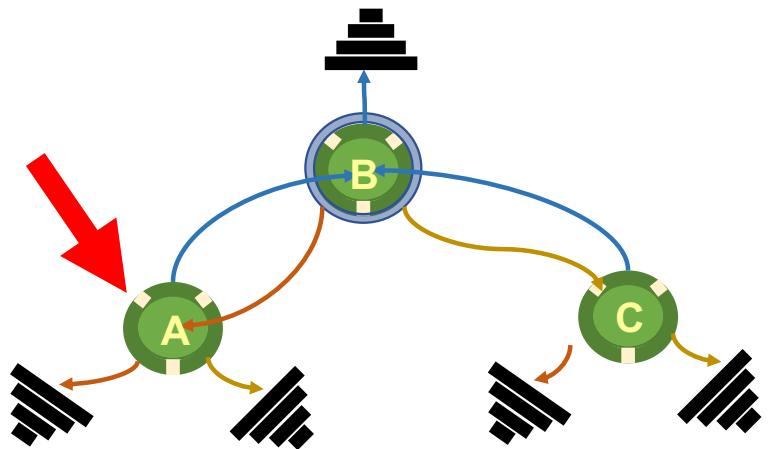
Recorregut preordre



B A C

En el recorregut **preordre** el pare es tracta **prèviament** als fills

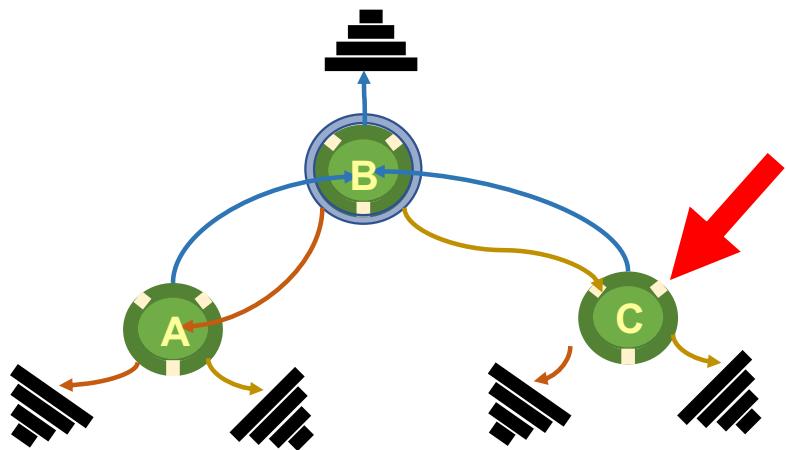
Recorregut postordre



A

En el recorregut **postordre** el pare es tracta **posteriorment** als fills

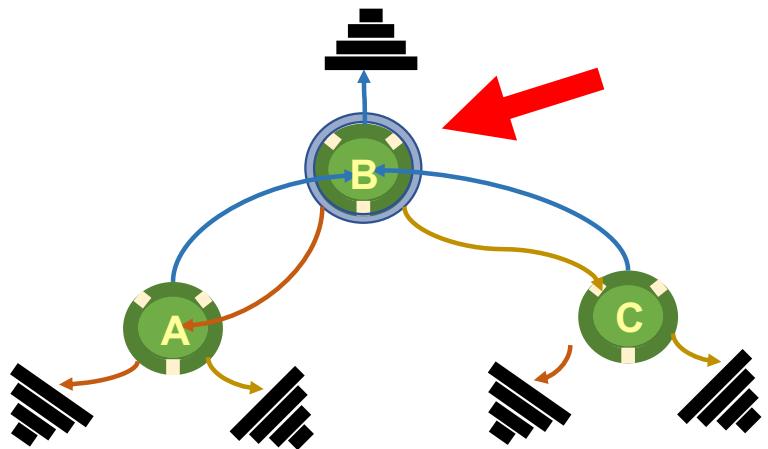
Recorregut postordre



A C

En el recorregut **postordre** el pare es tracta **posteriorment** als fills

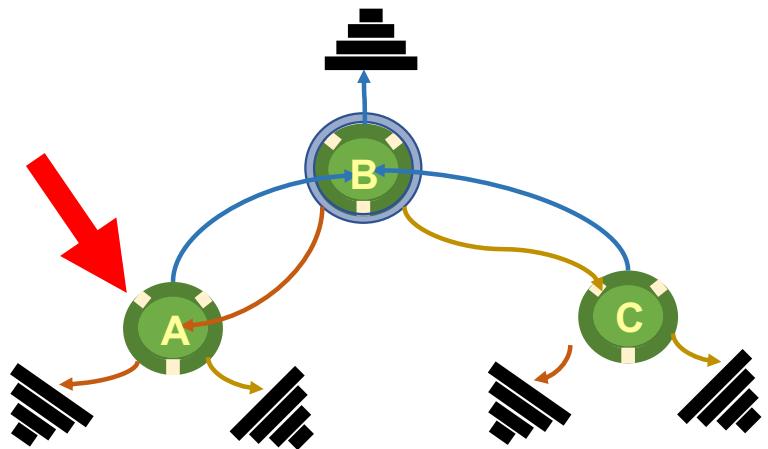
Recorregut postordre



A C B

En el recorregut **postordre** el pare es tracta **posteriorment** als fills

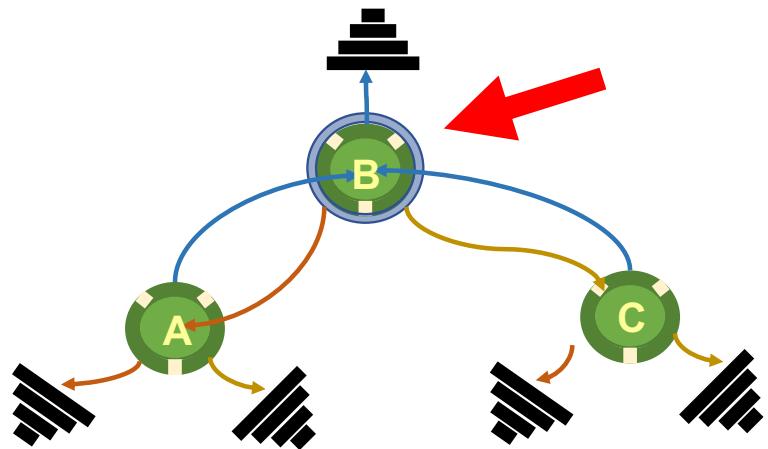
Recorregut inordre



A

En el recorregut **inordre** el pare es tracta **entre** els fills

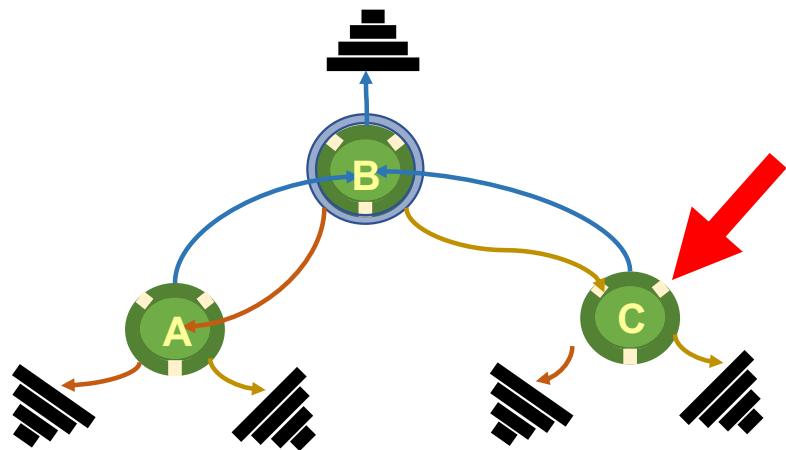
Recorregut inordre



A B

En el recorregut **inordre** el pare es tracta **entre** els fills

Recorregut inordre



A B C

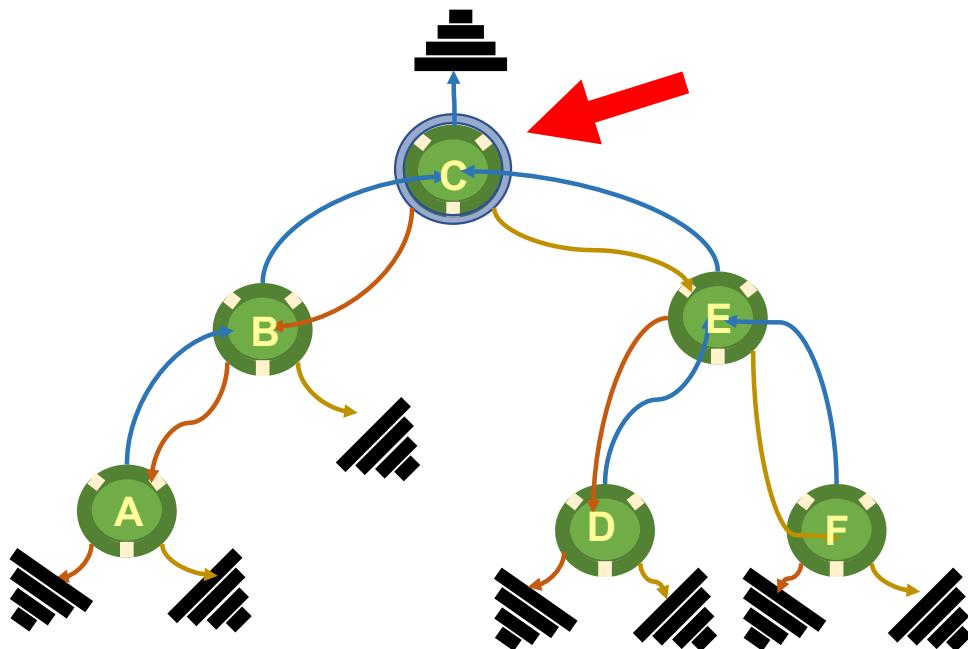
En el recorregut **inordre** el pare es tracta **entre** els fills



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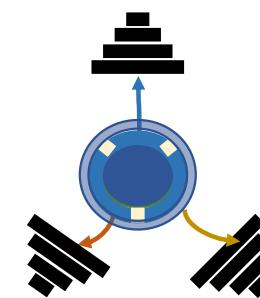
Constructor còpia

Arbre original

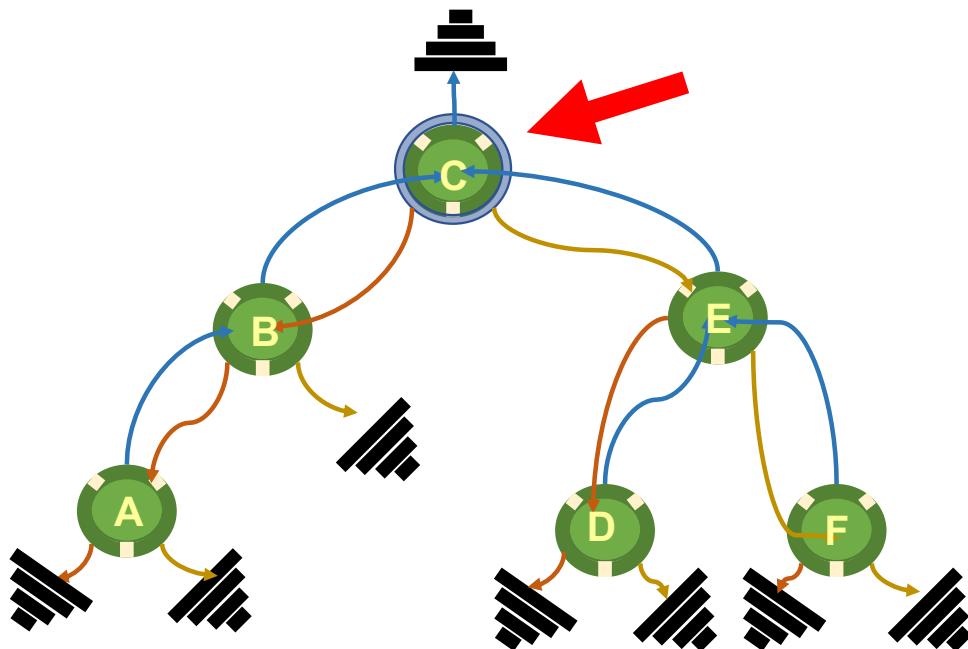


Recorrem l'arbre original en preordre

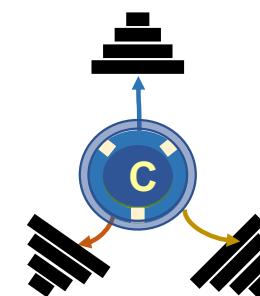
Arbre còpia



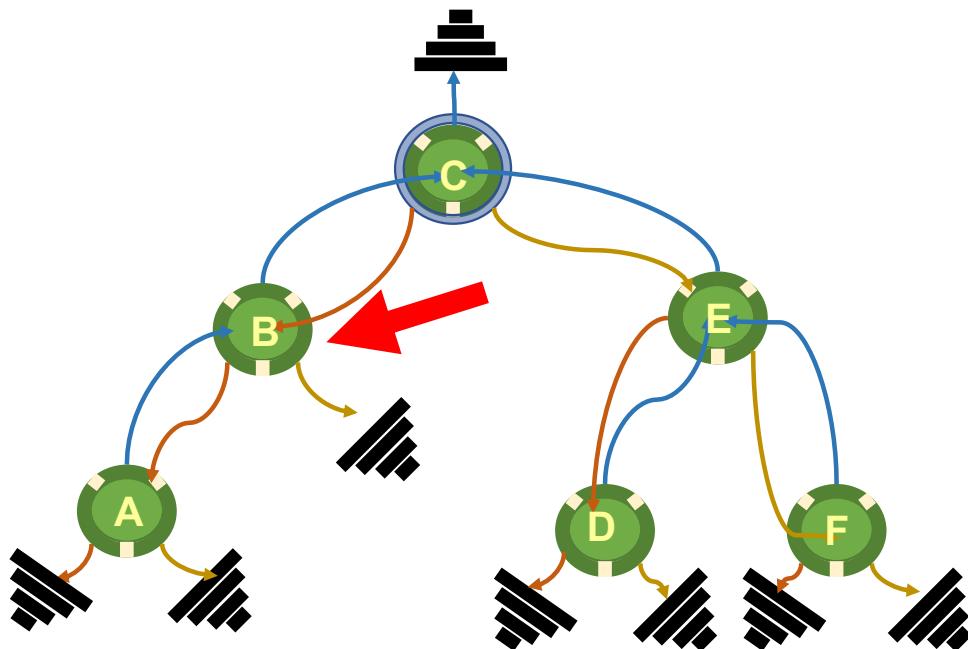
Arbre original



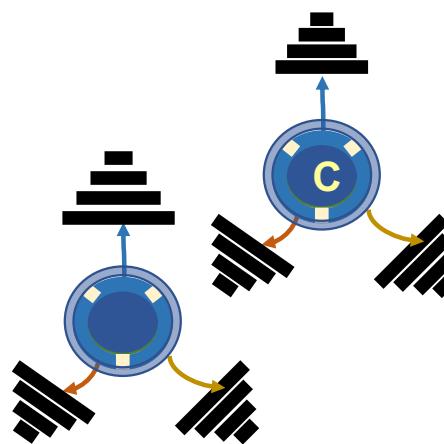
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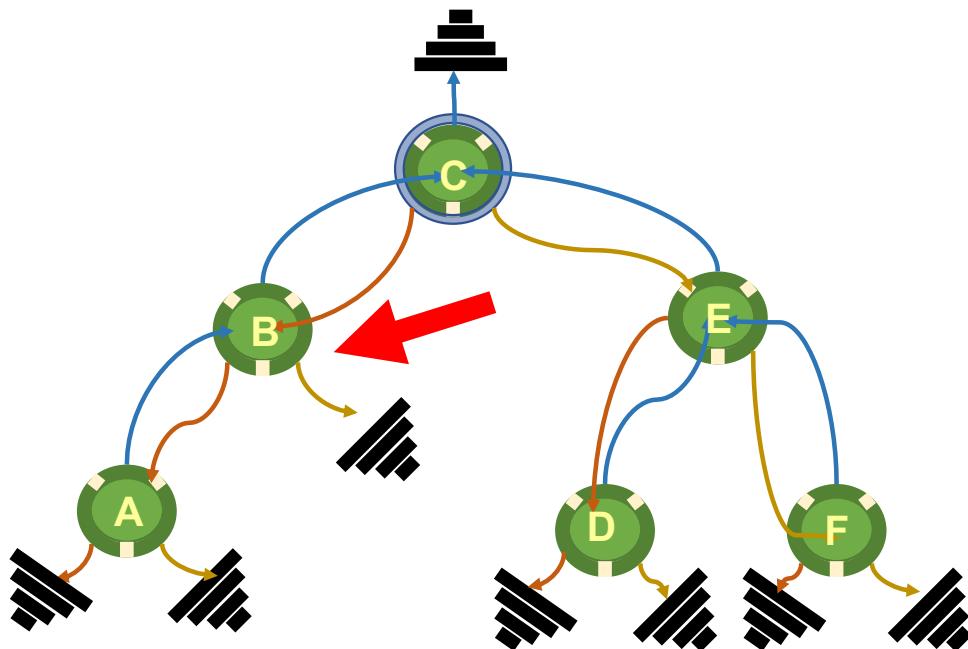
Arbre original



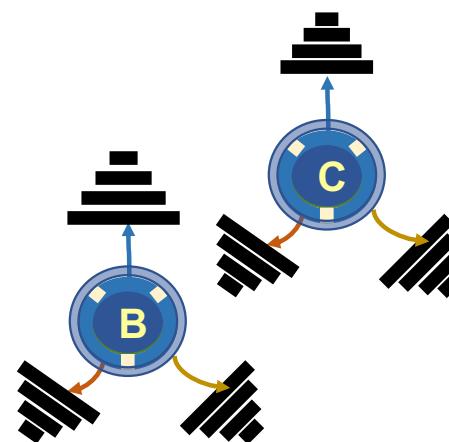
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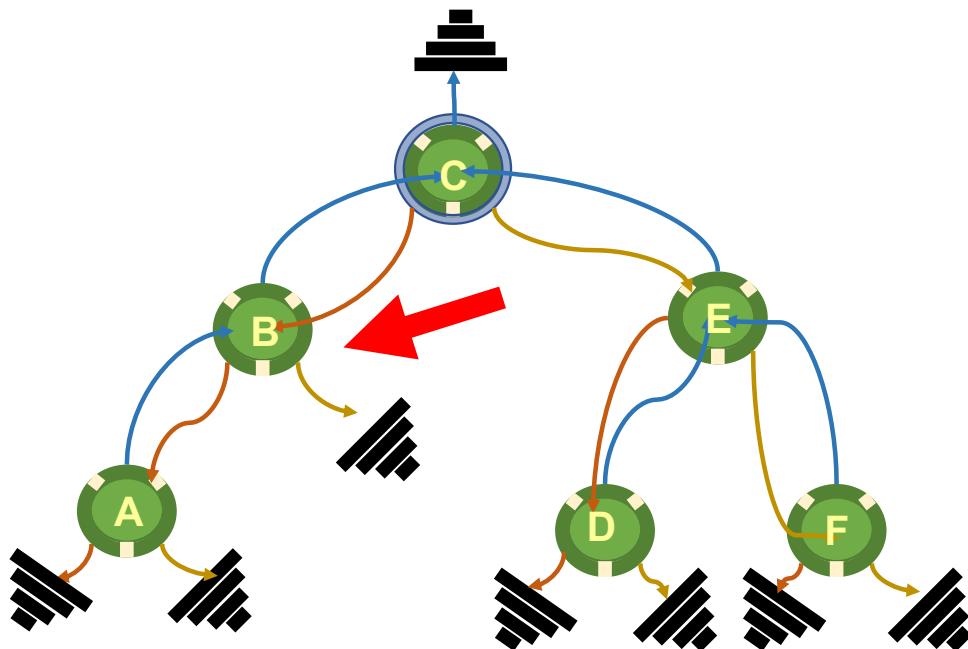
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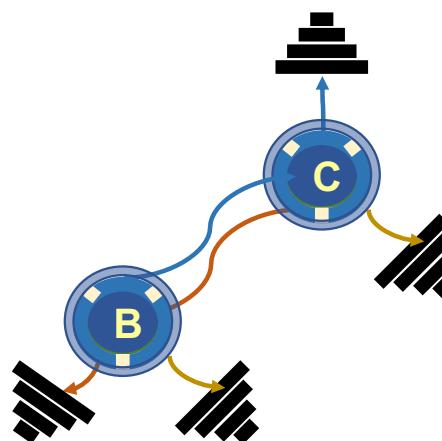
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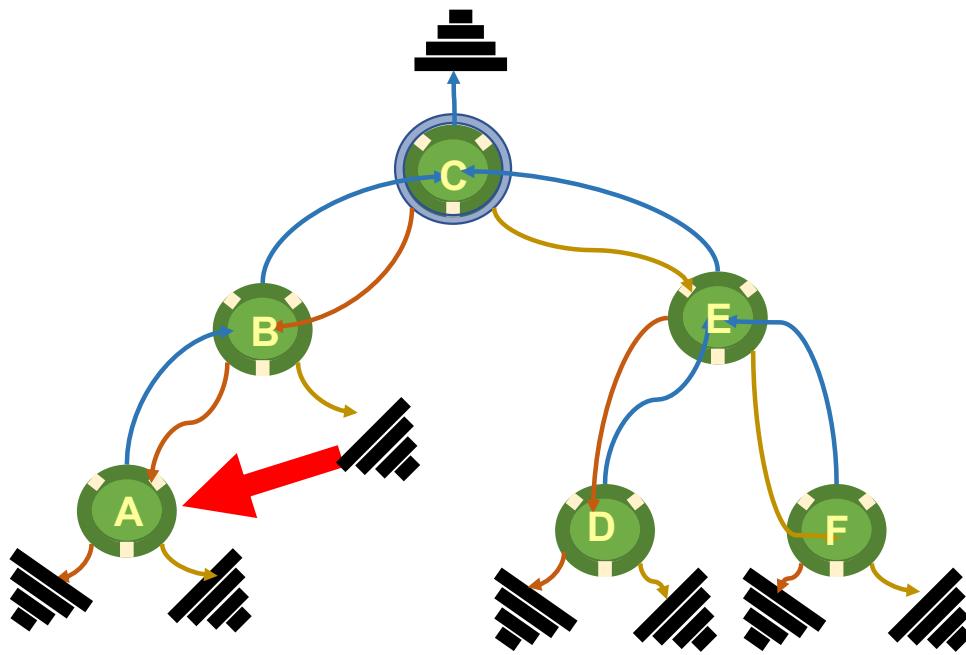
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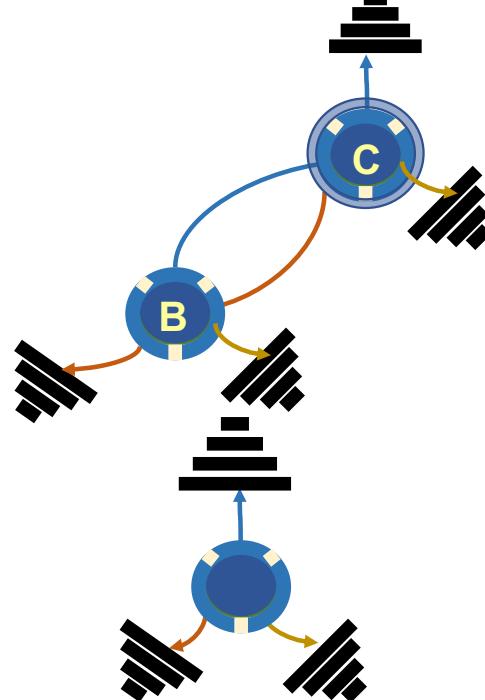
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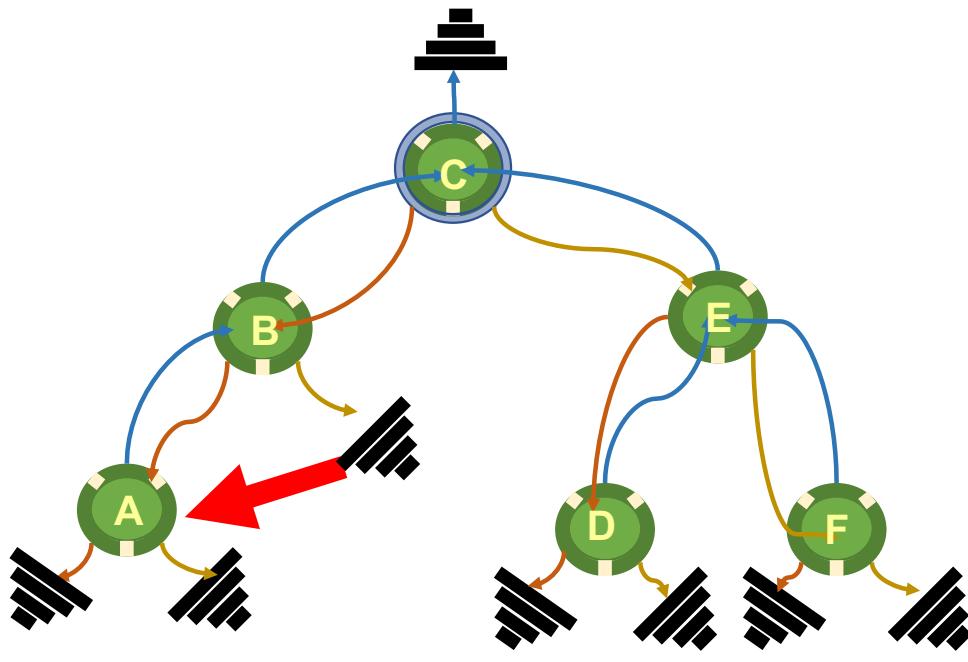
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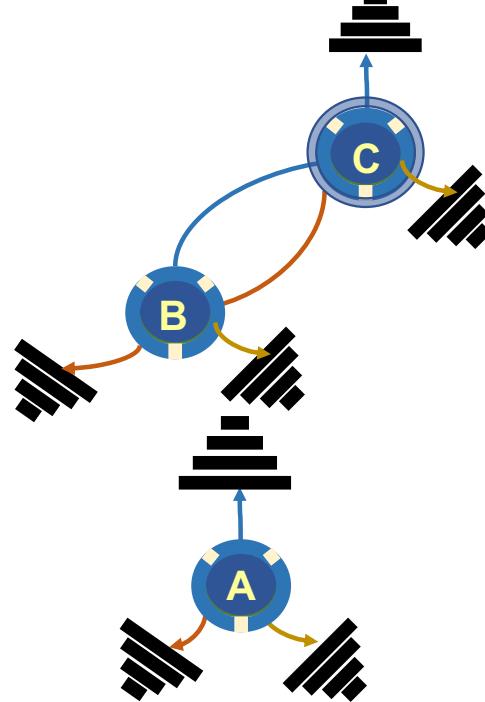
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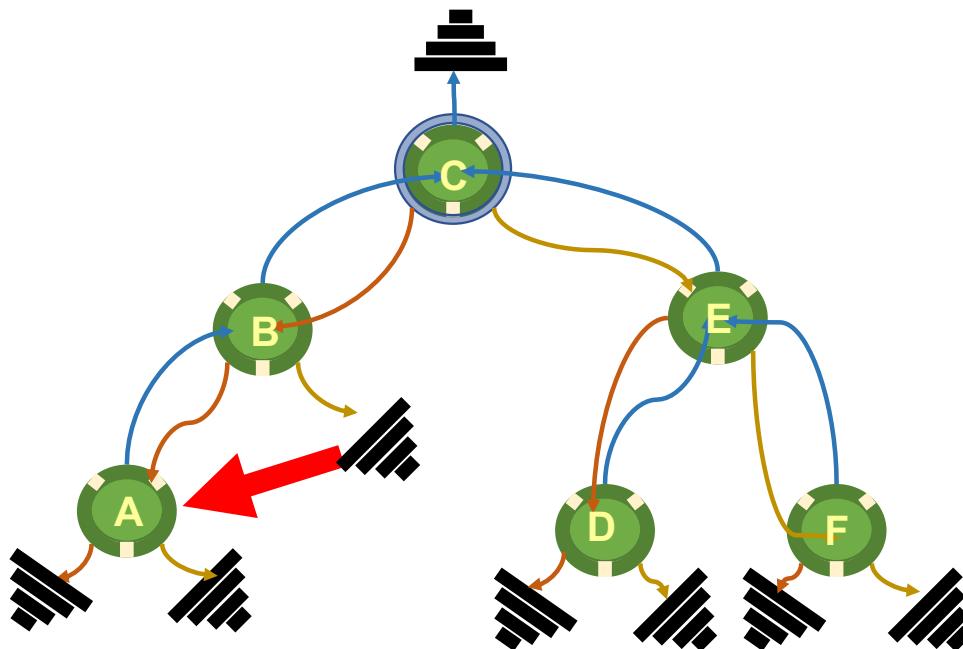
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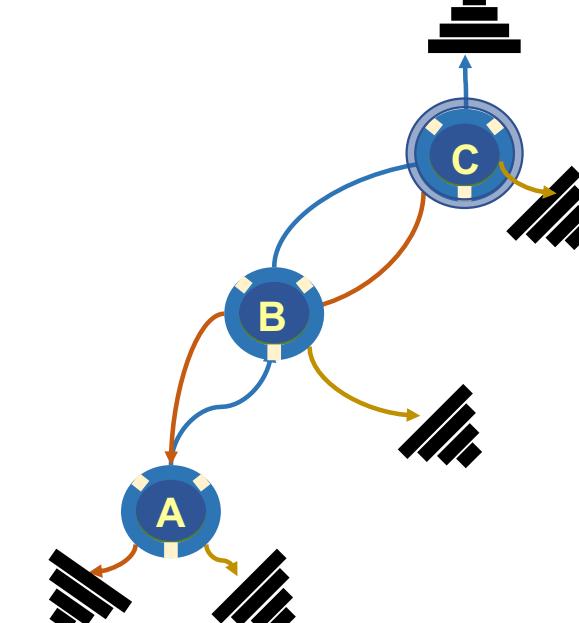
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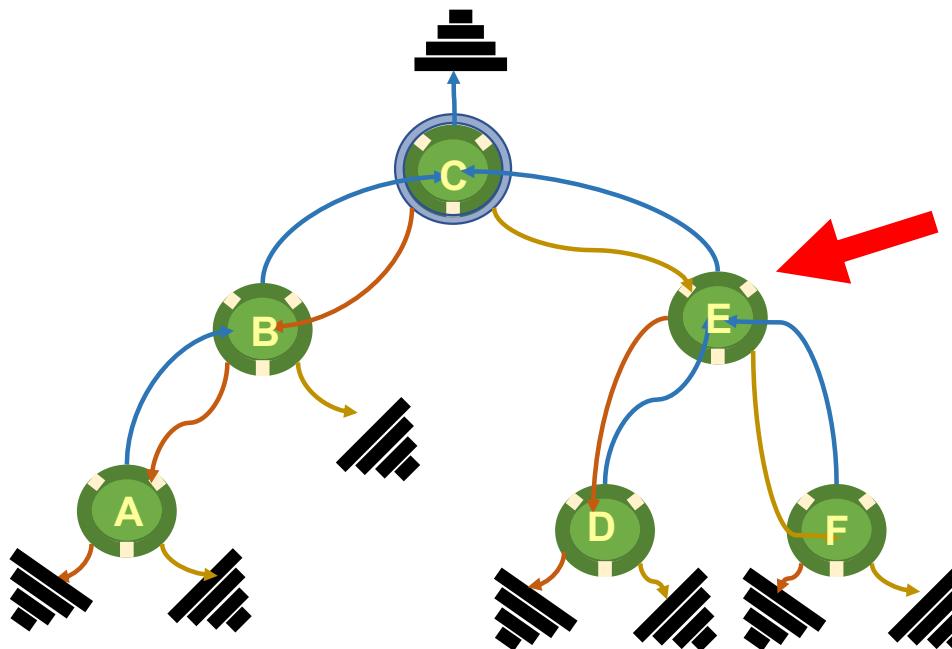
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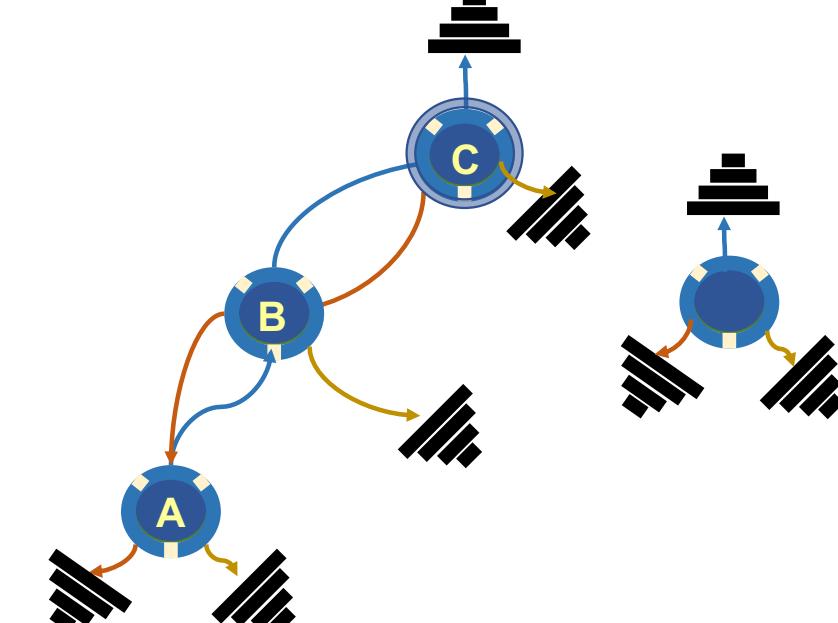
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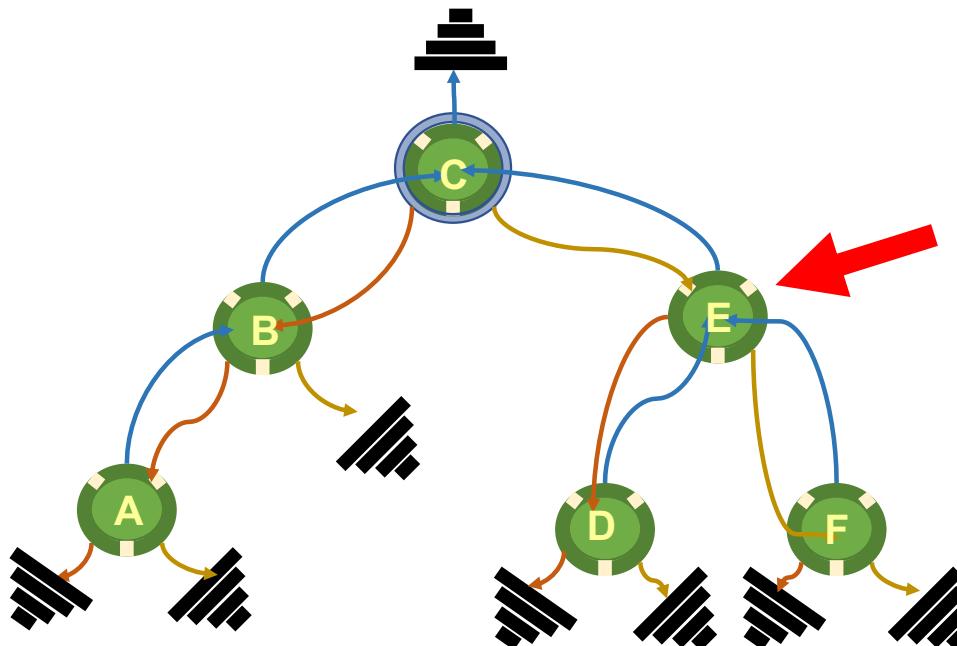
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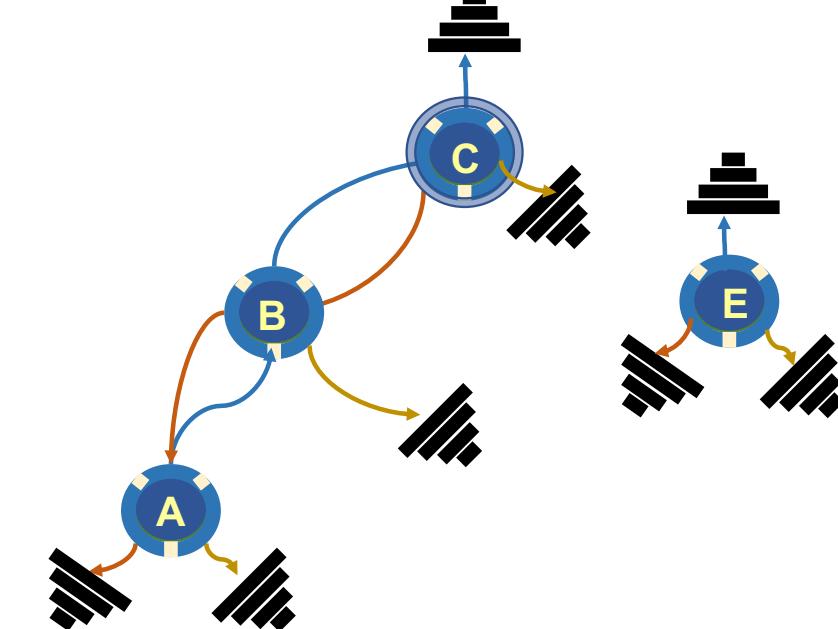
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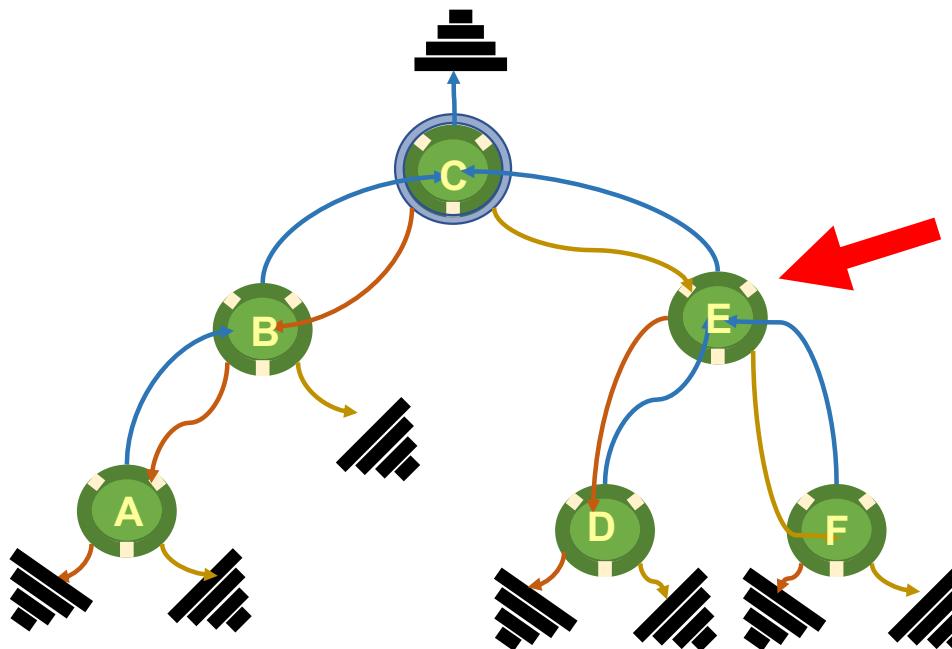
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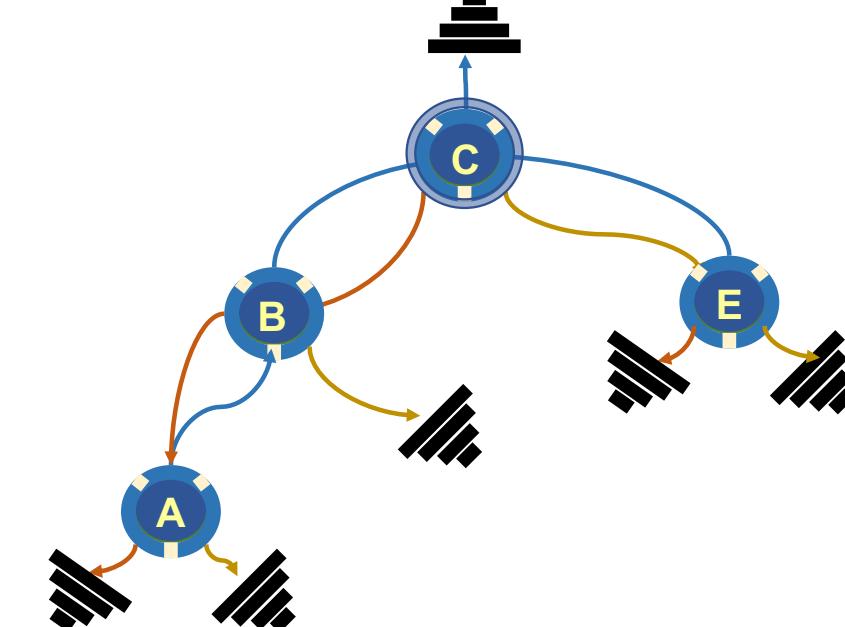
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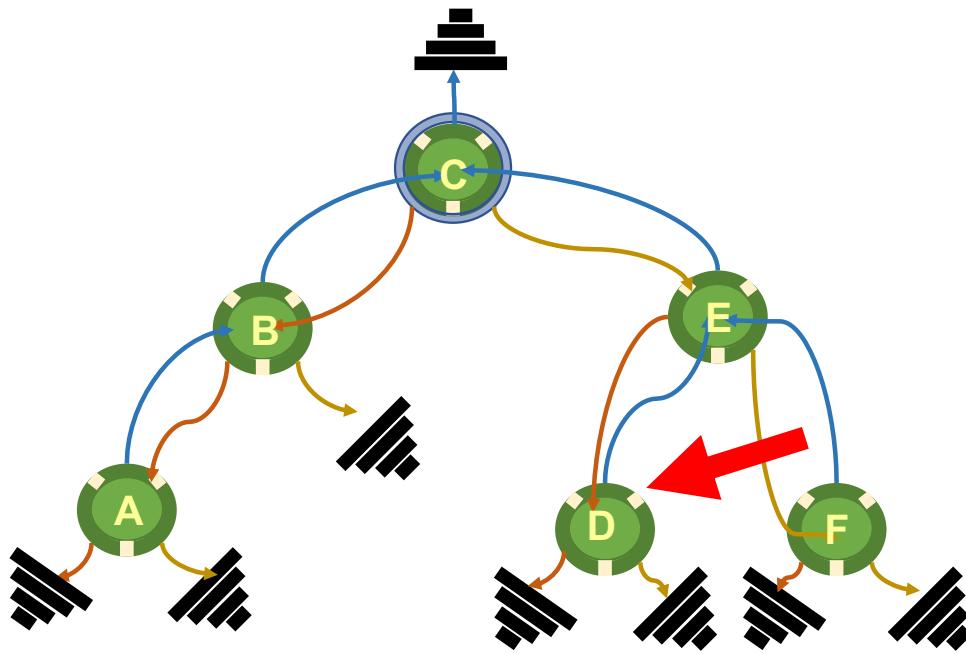
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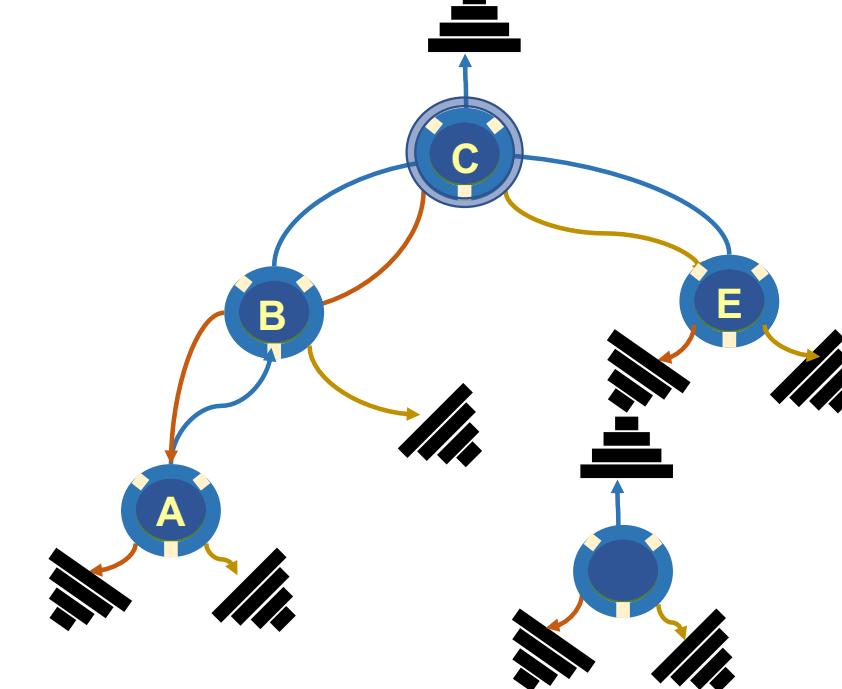
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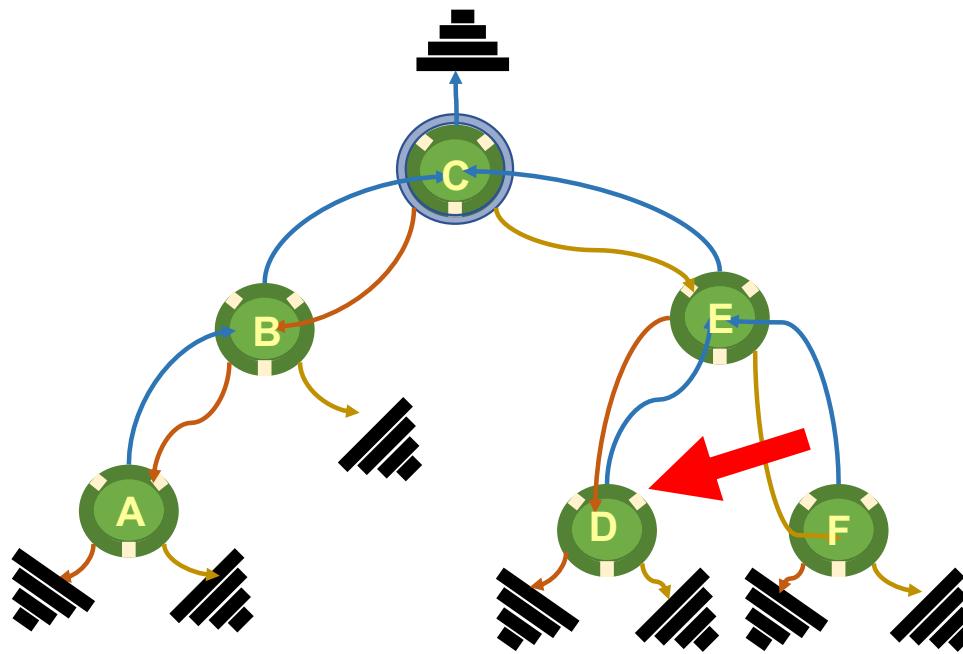
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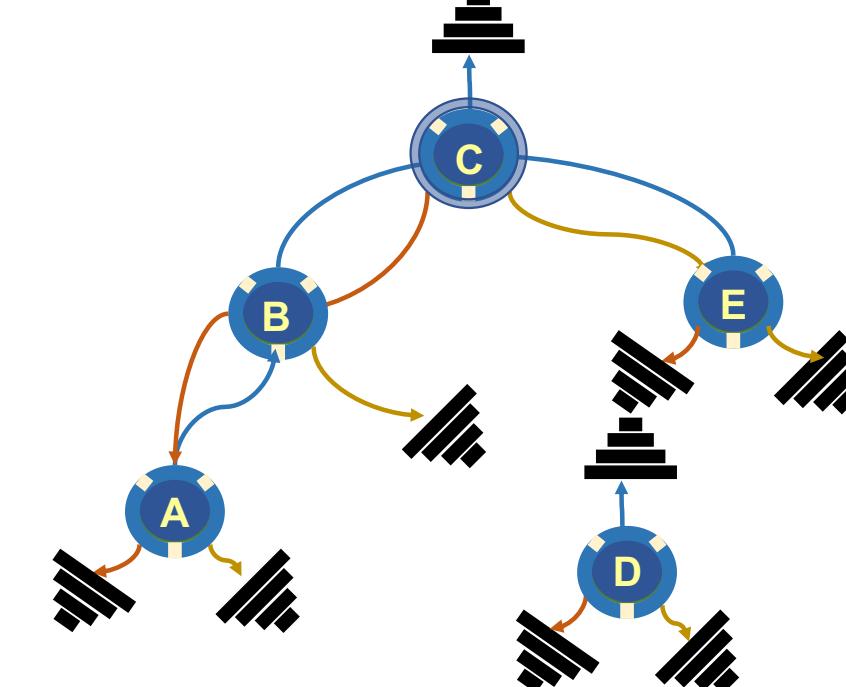
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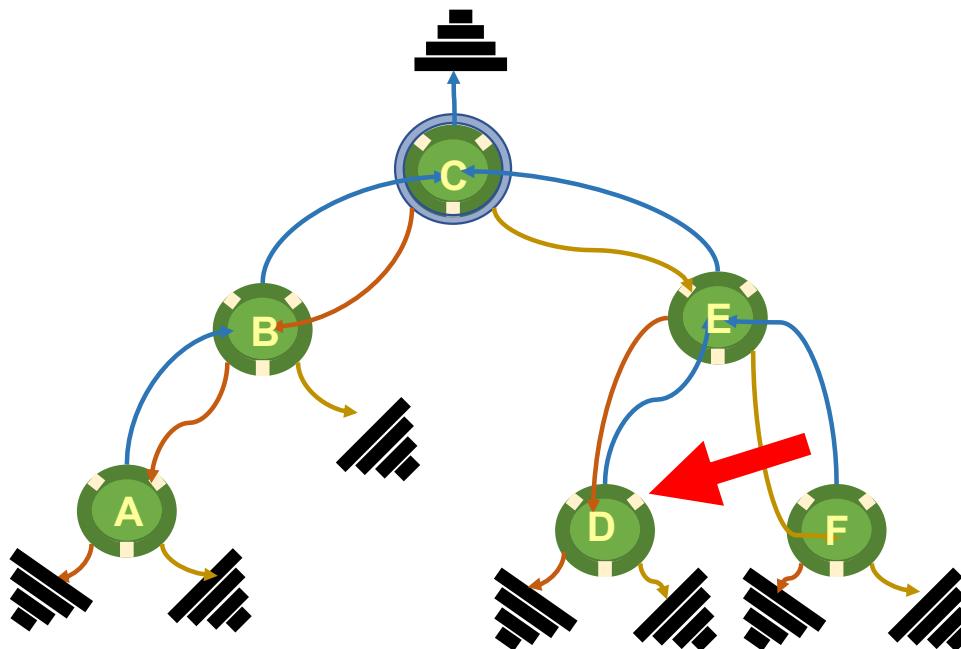
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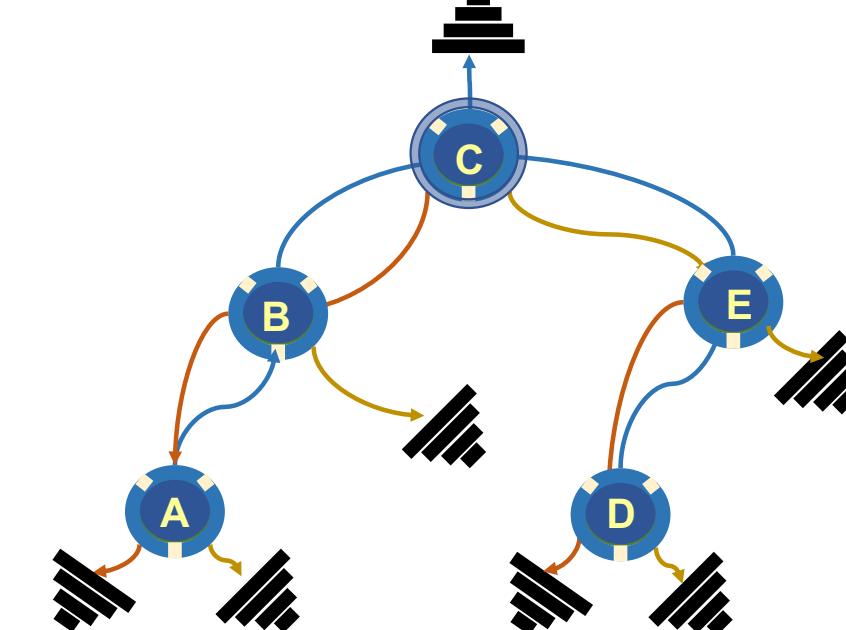
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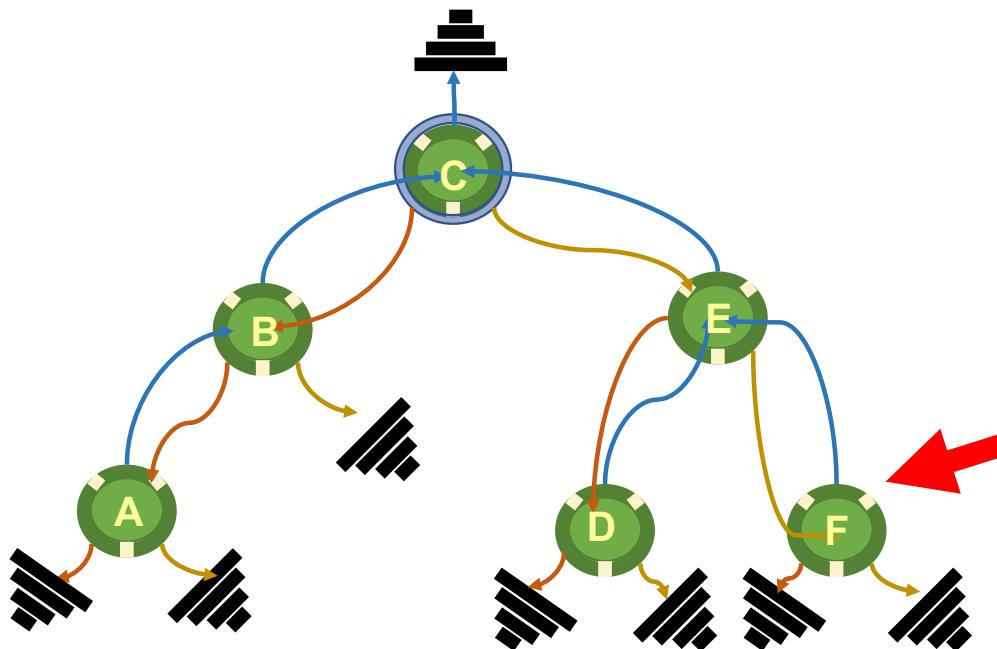
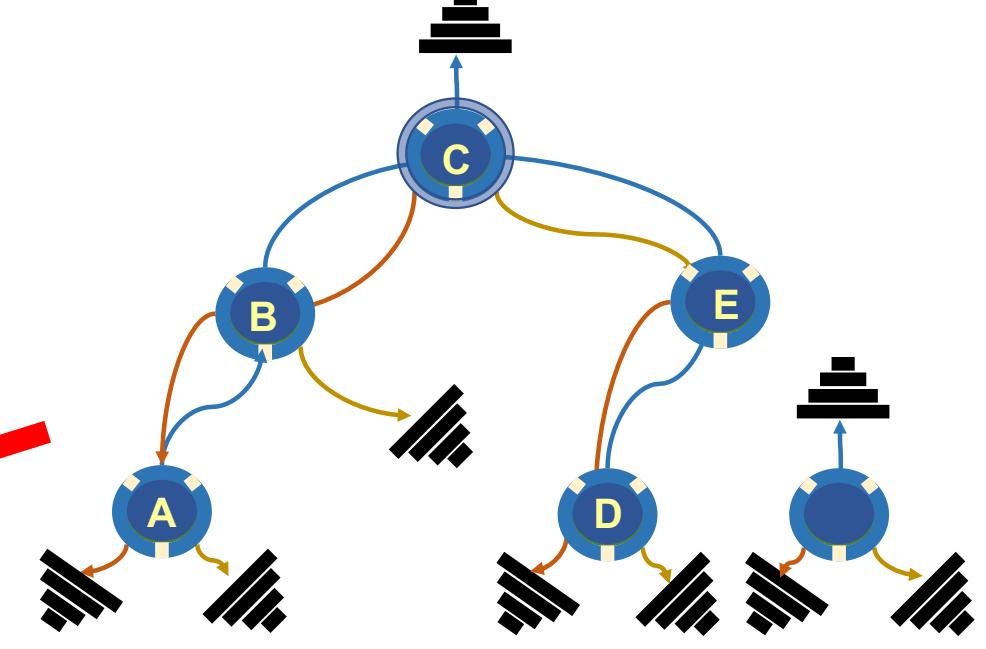


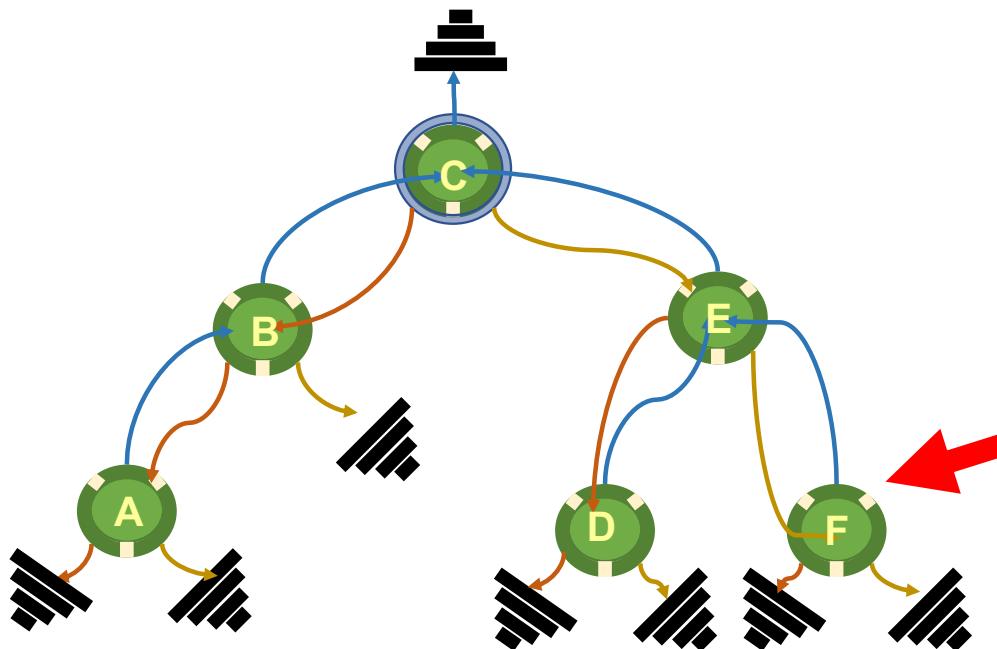
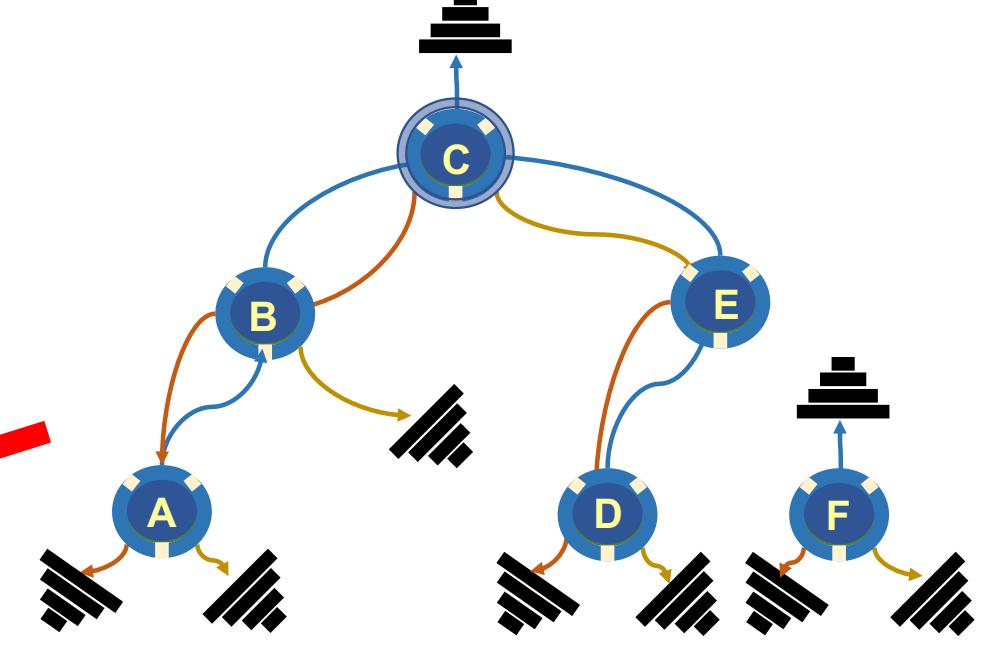
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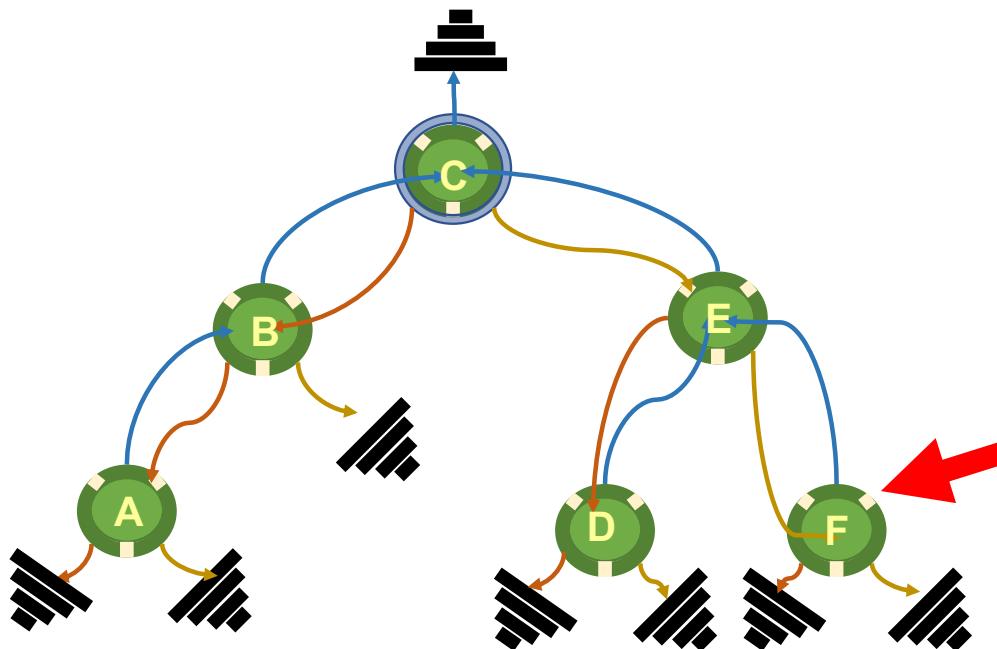
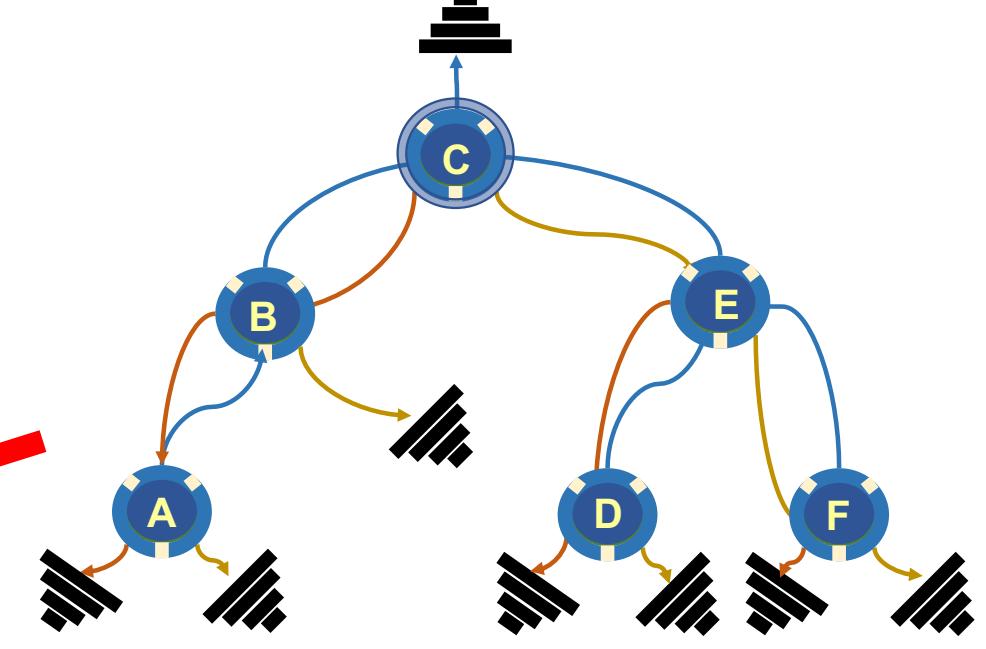


Arbre còpia



Arbre
originalArbre
còpia

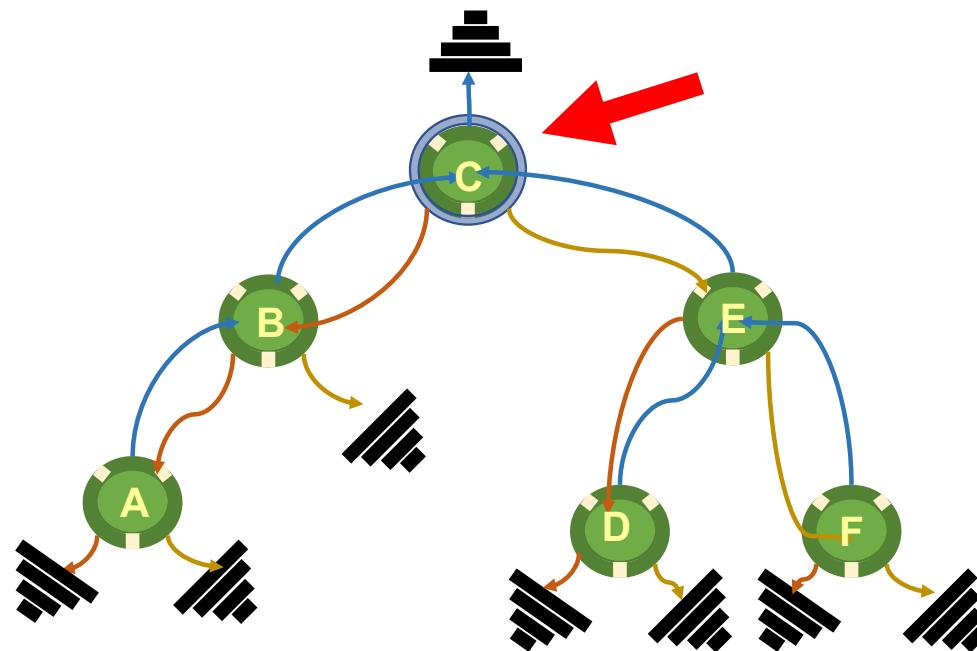
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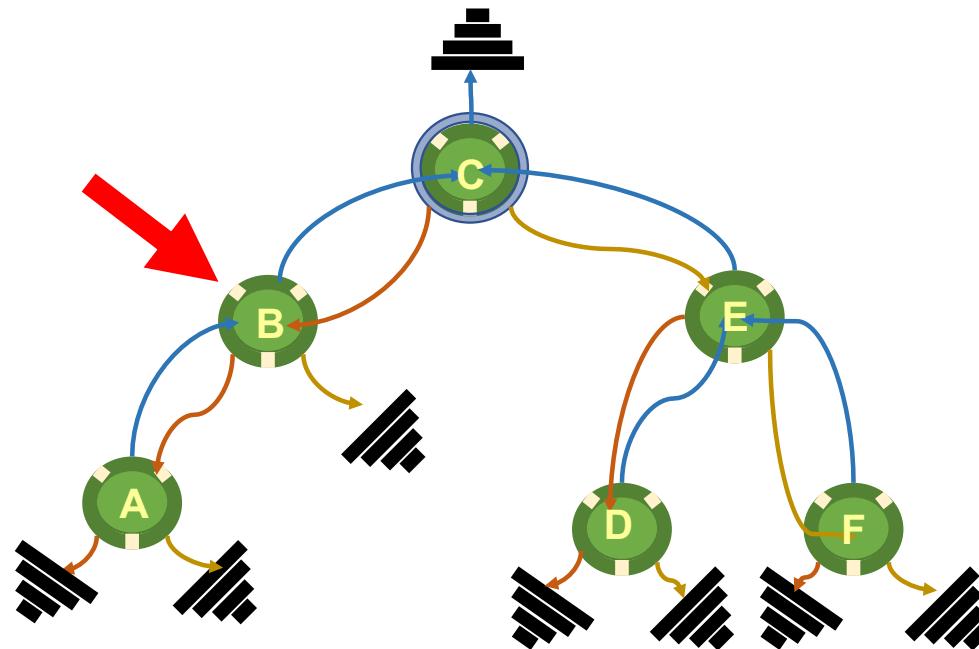


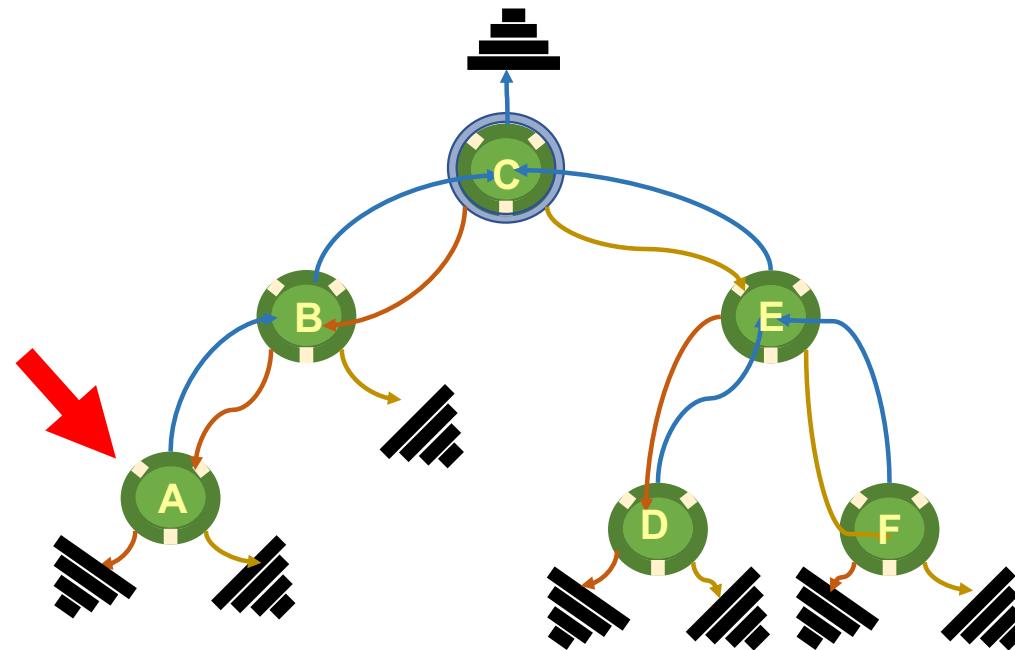
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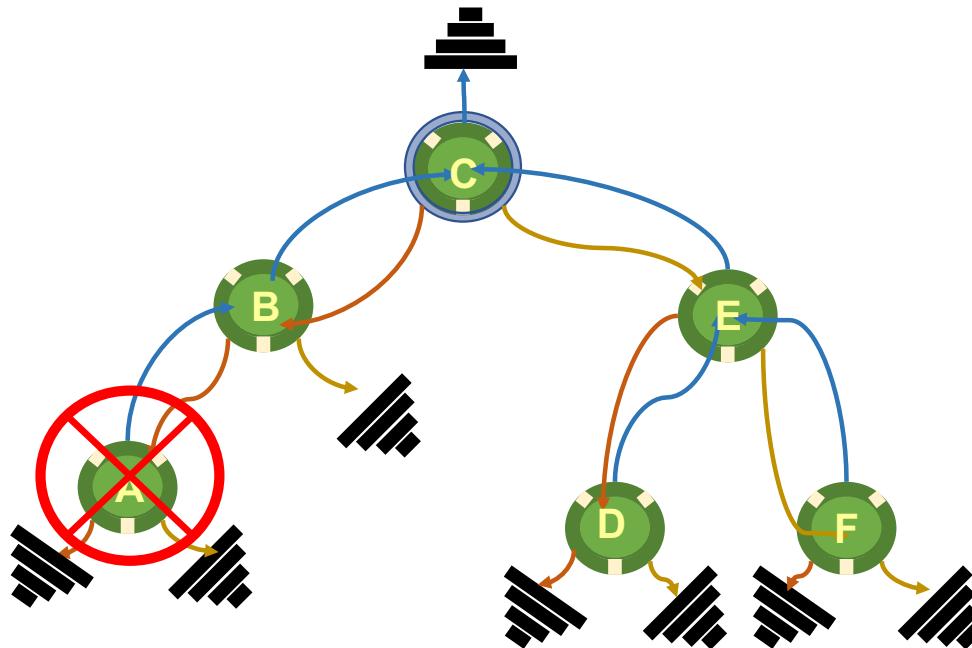
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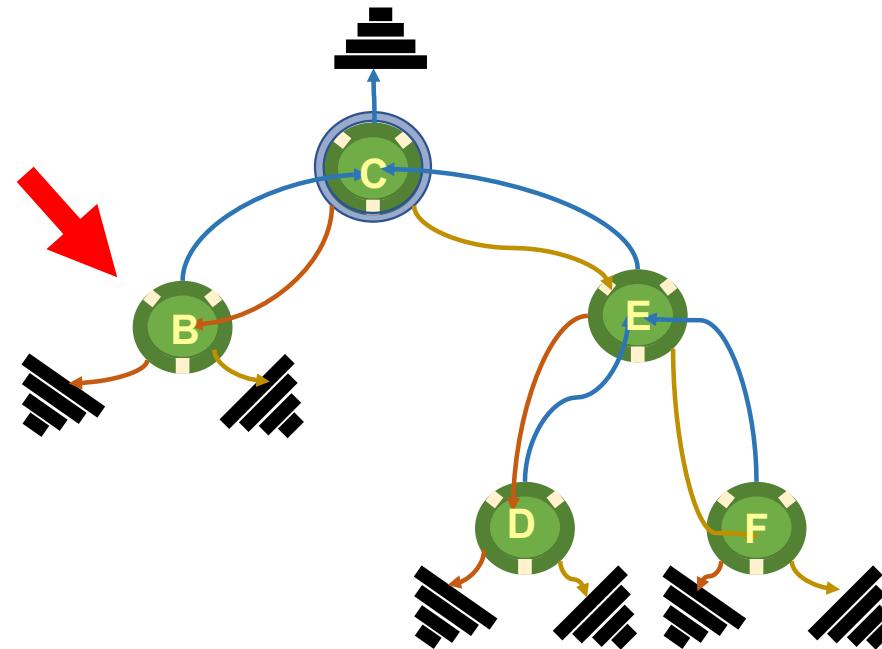


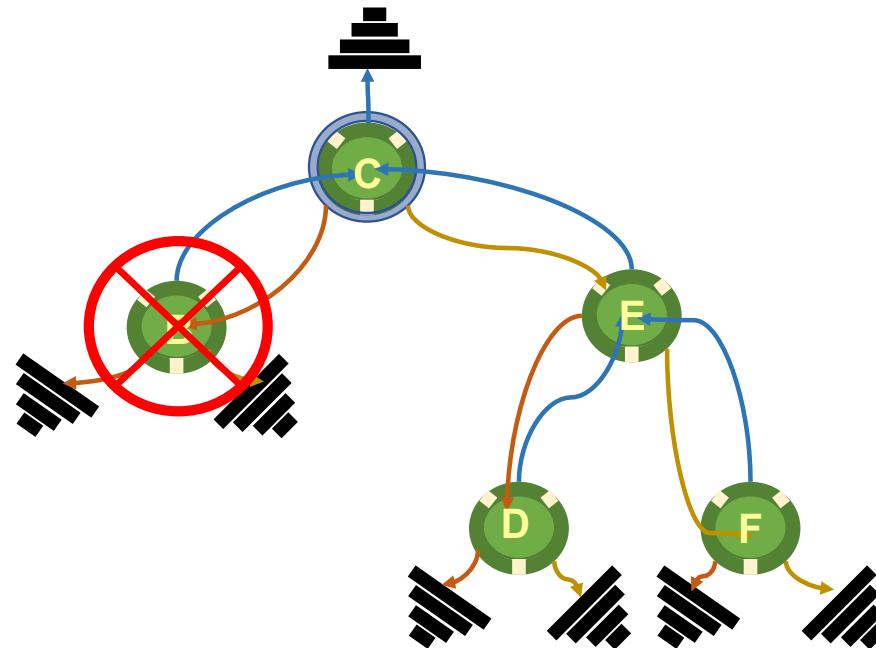
Recorrem l'arbre original en postordre

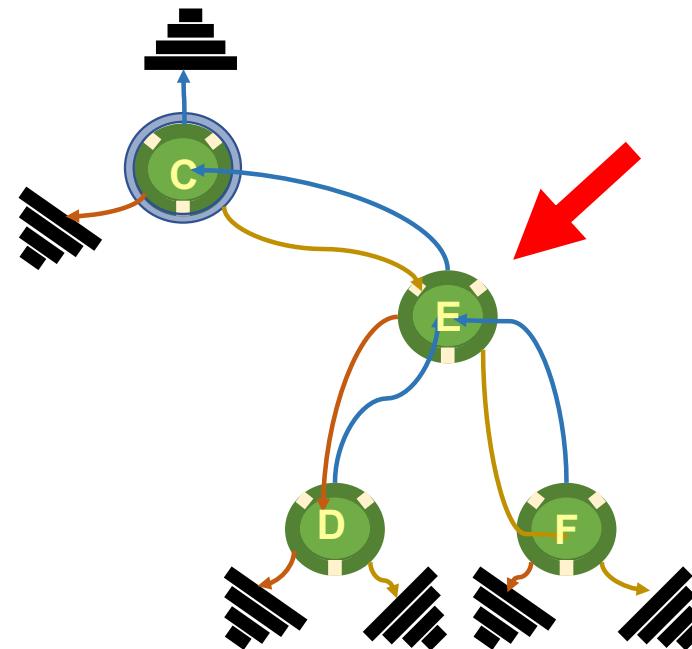


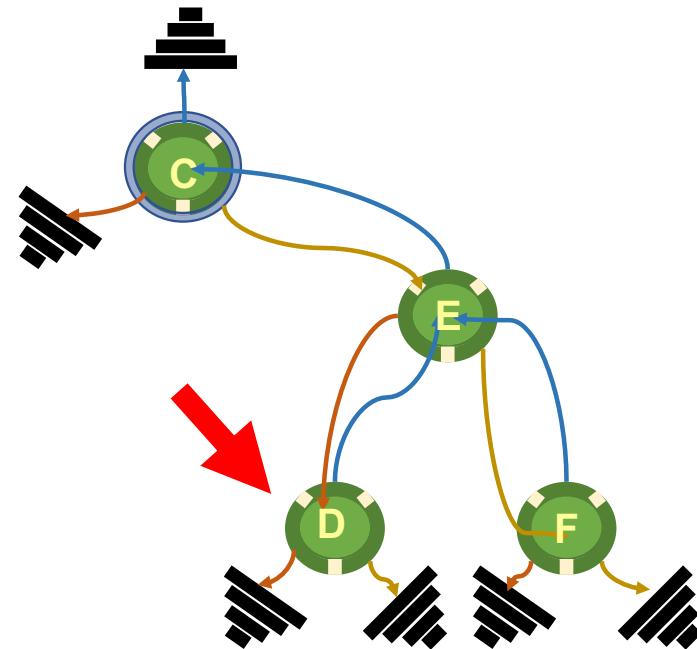


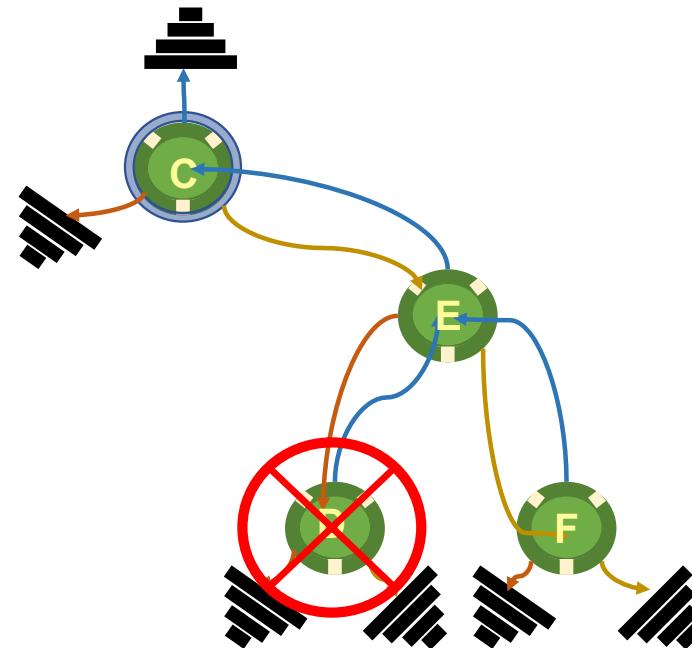


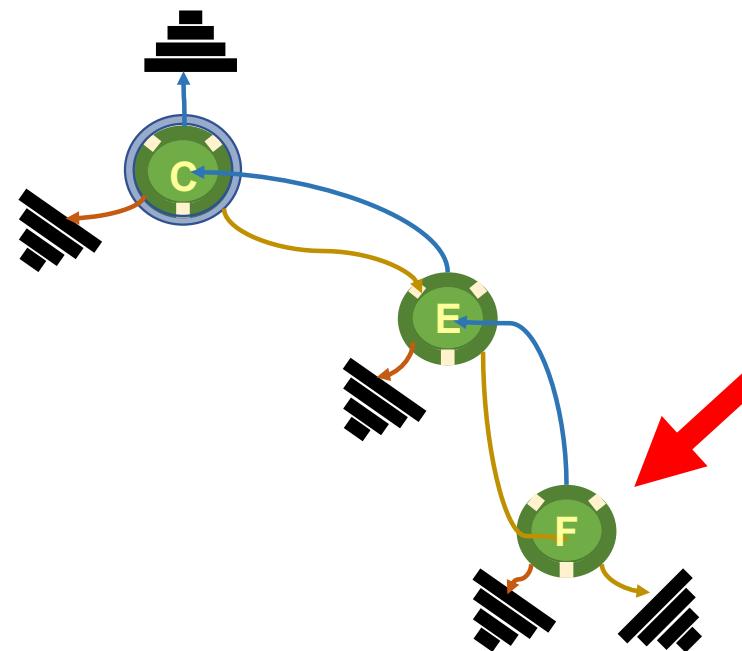


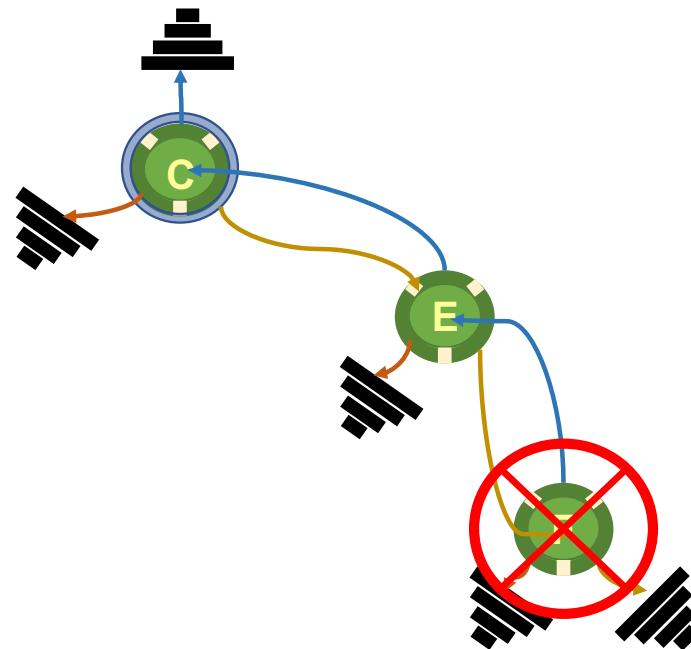


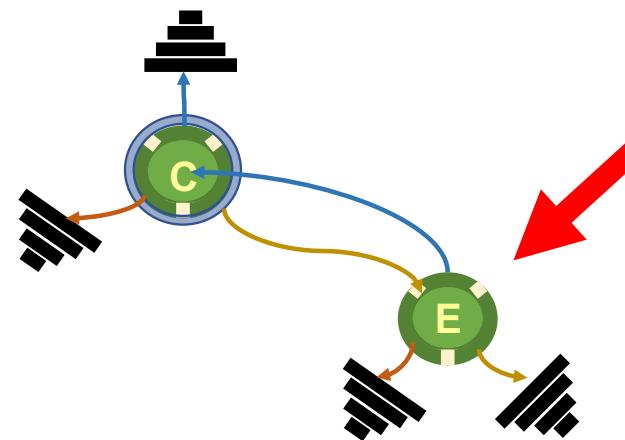


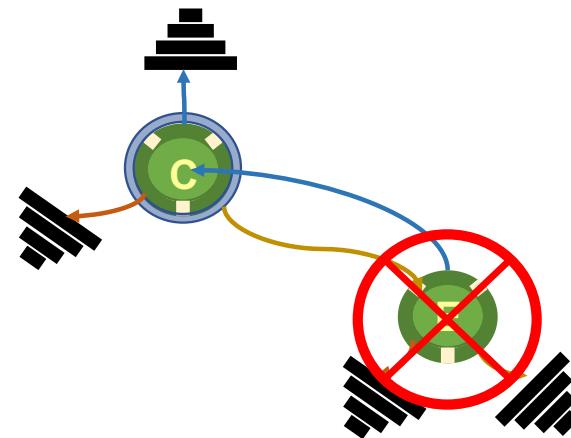






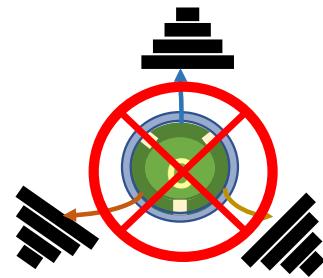








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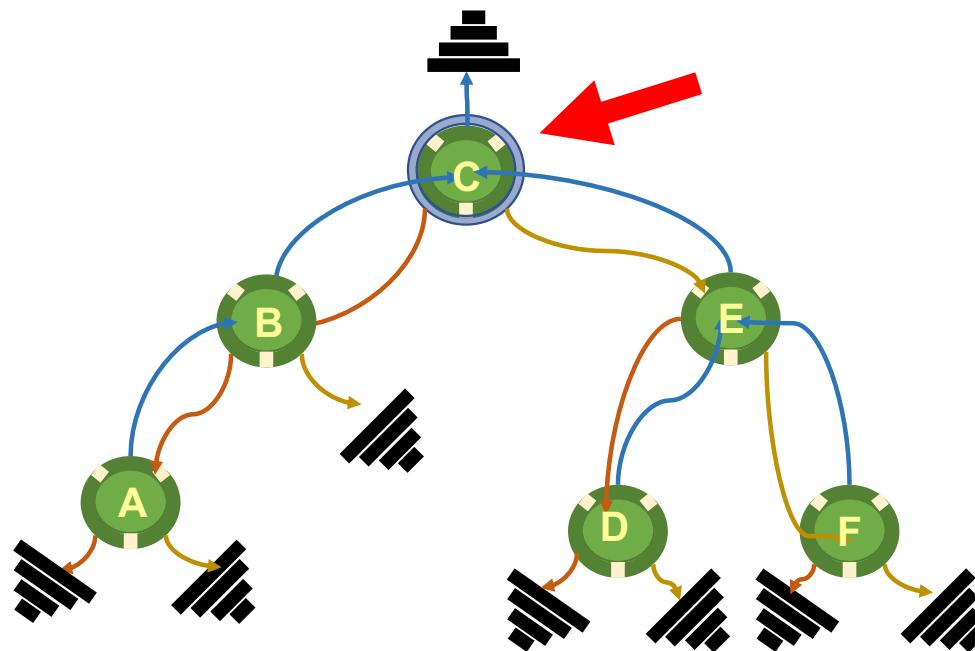


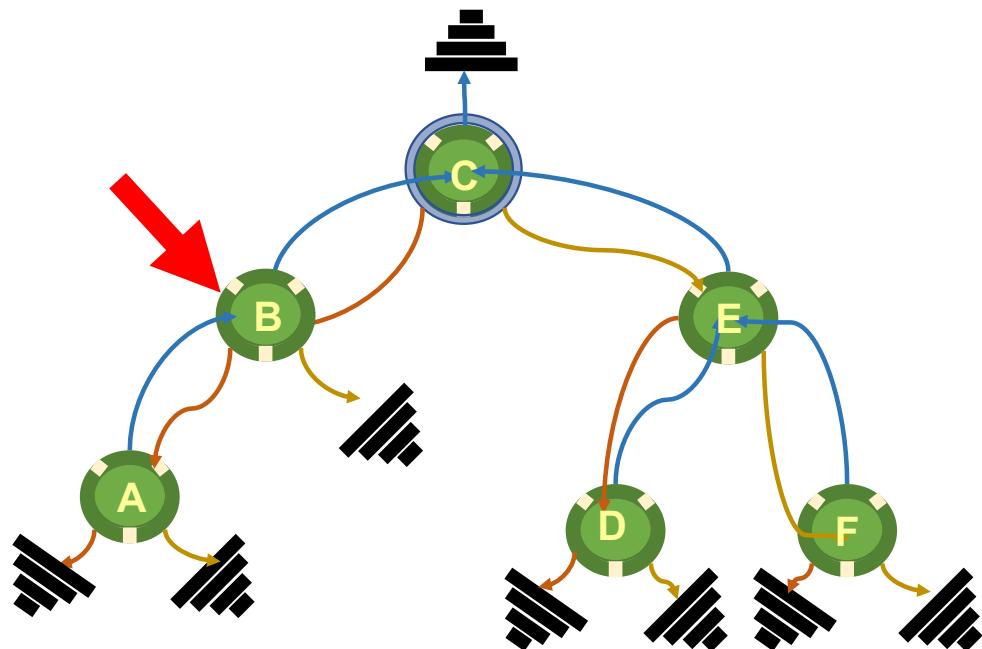


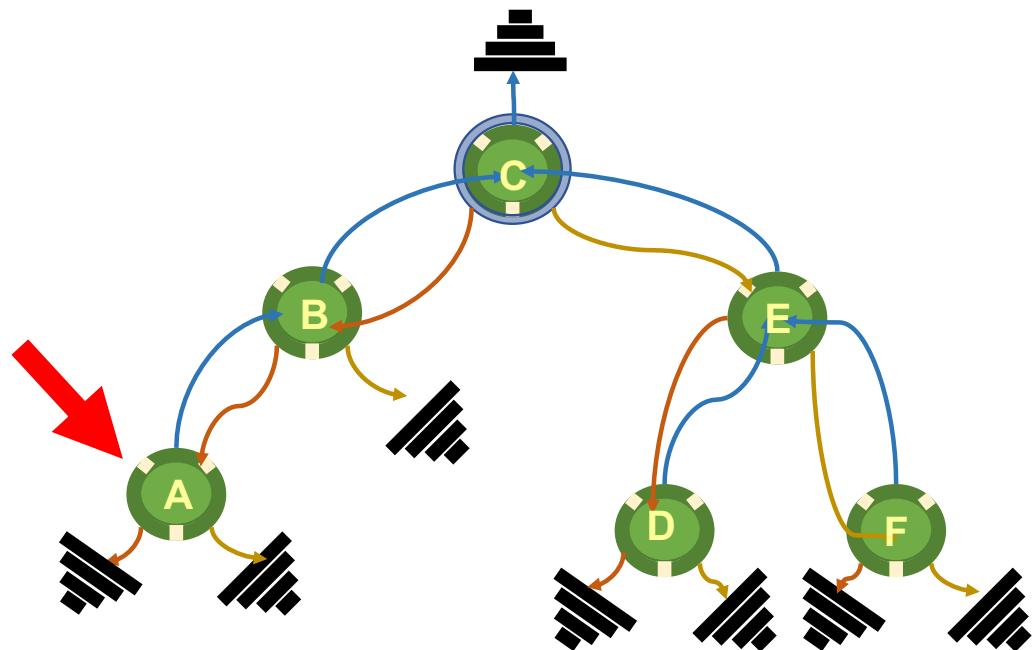
L'arbre ha desaparegut en la seva totalitat



Un exemple de recorregut PrintInordre

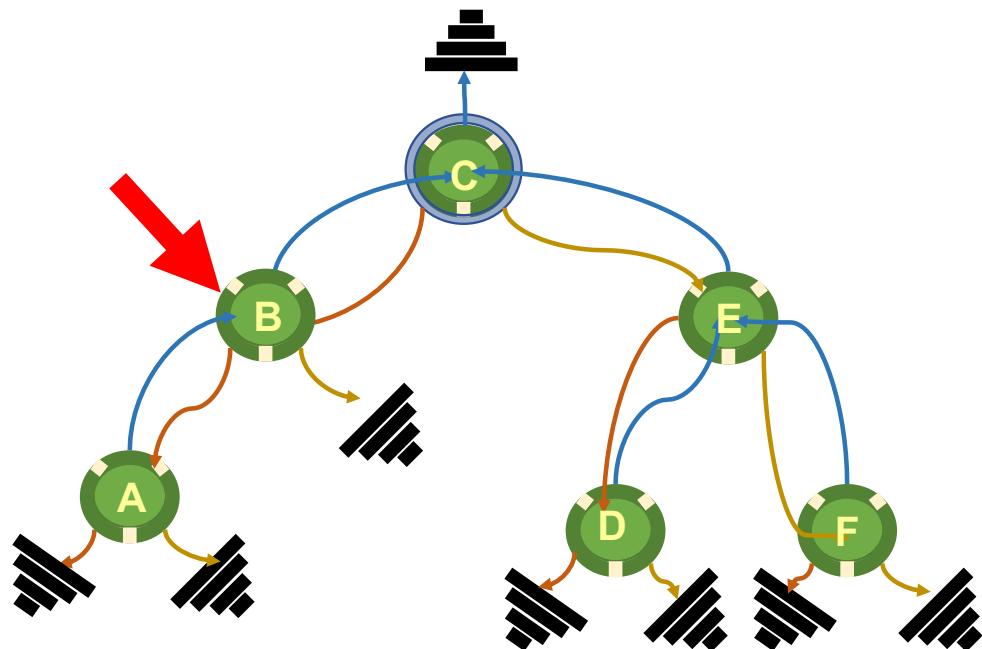






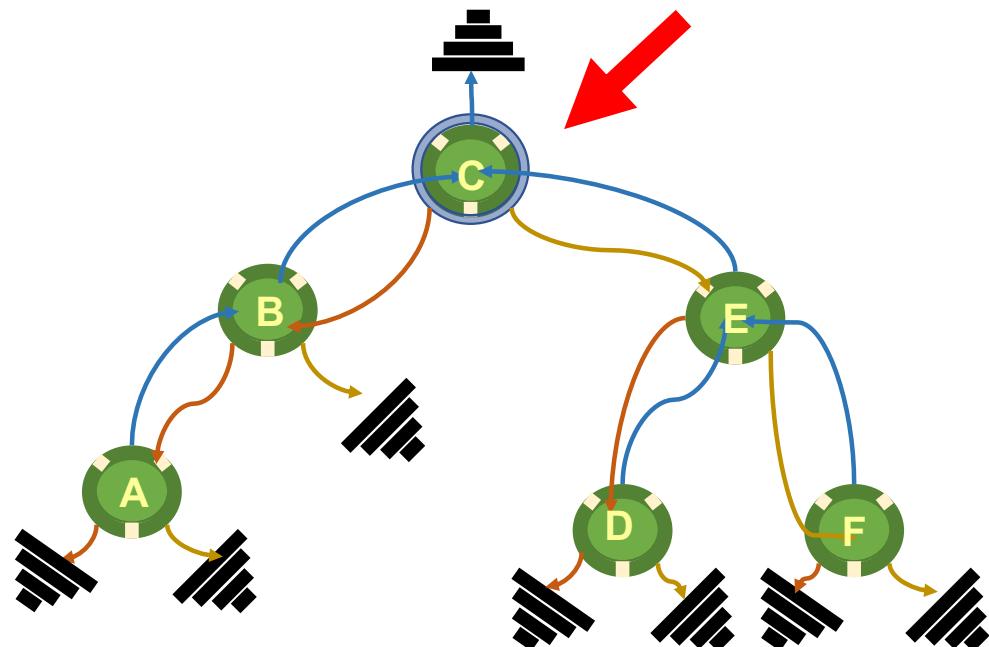
Sortida per pantalla

- Node A



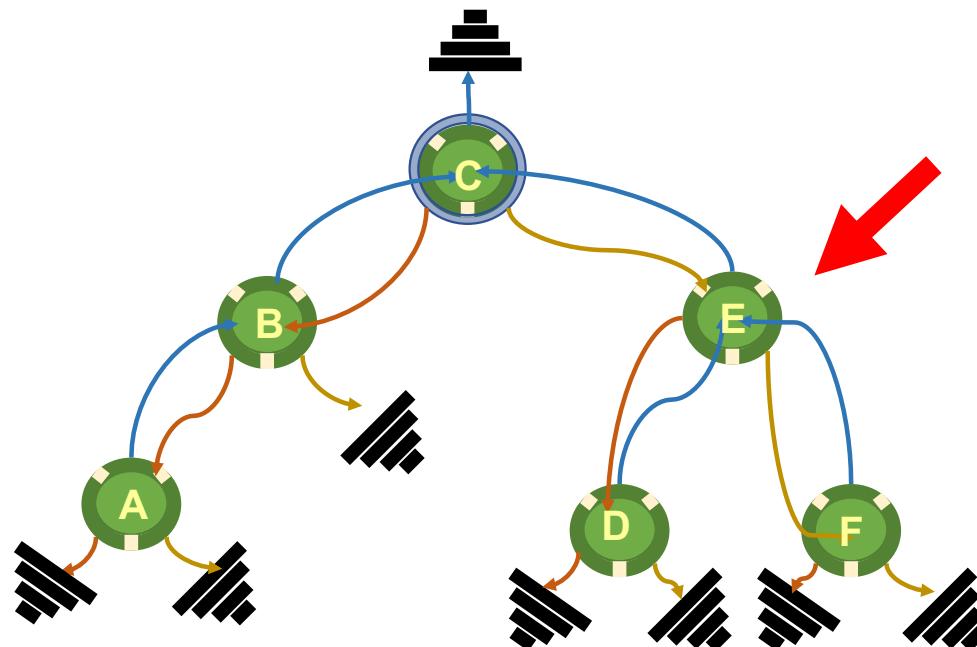
Sortida per pantalla

- Node A
- Node B



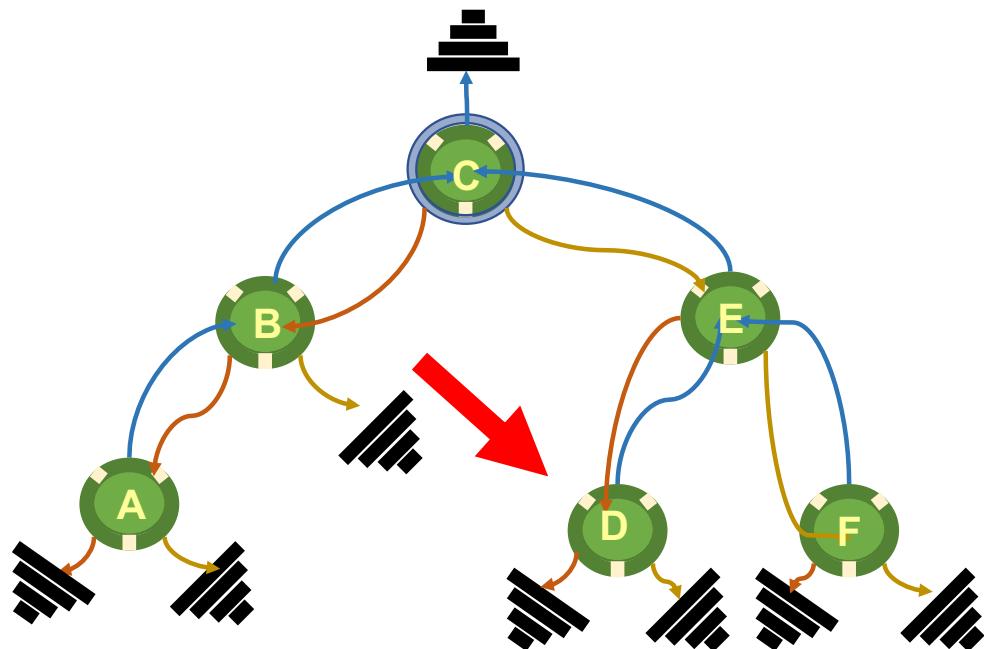
Sortida per pantalla

- Node A
- Node B
- Node C



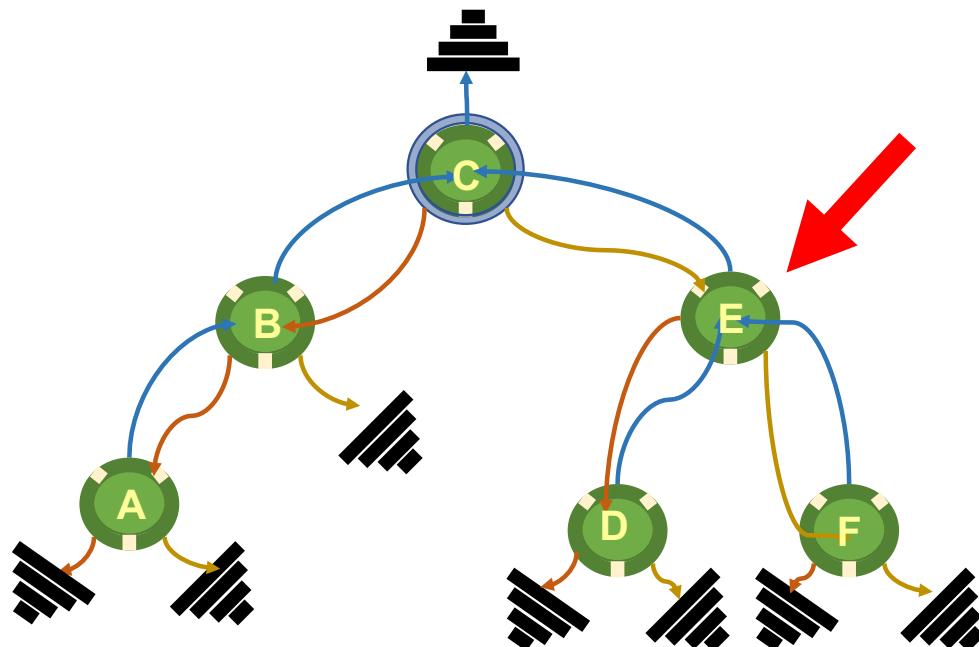
Sortida per pantalla

- Node A
- Node B
- Node C



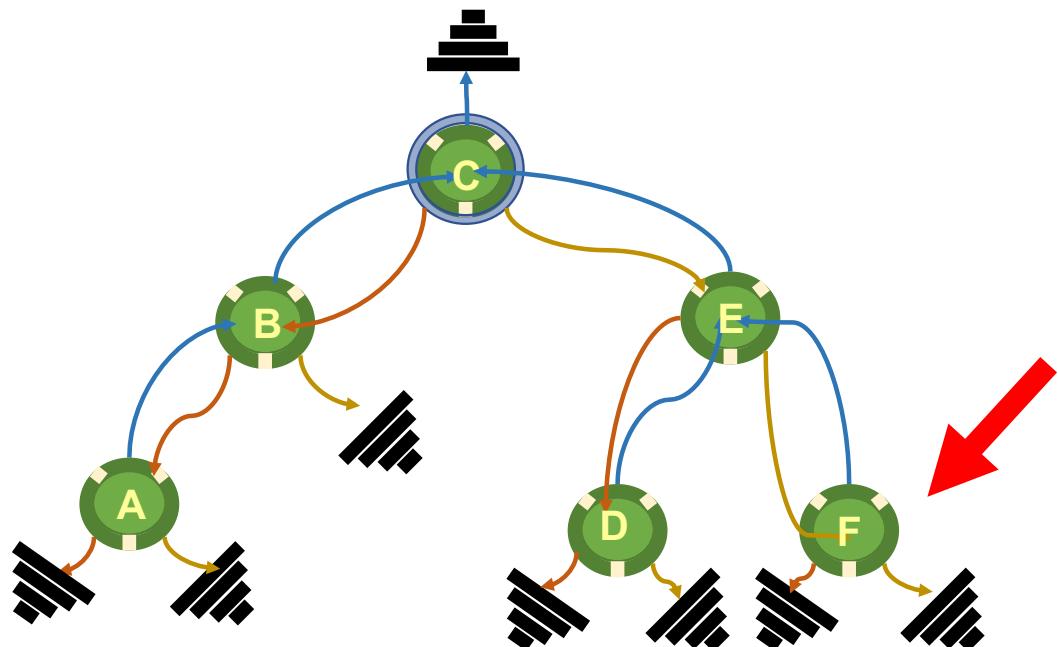
Sortida per pantalla

- Node A
- Node B
- Node C
- Node D



Sortida per pantalla

- Node A
- Node B
- Node C
- Node D
- Node E



Sortida per pantalla

- Node A
- Node B
- Node C
- Node D
- Node E
- Node F