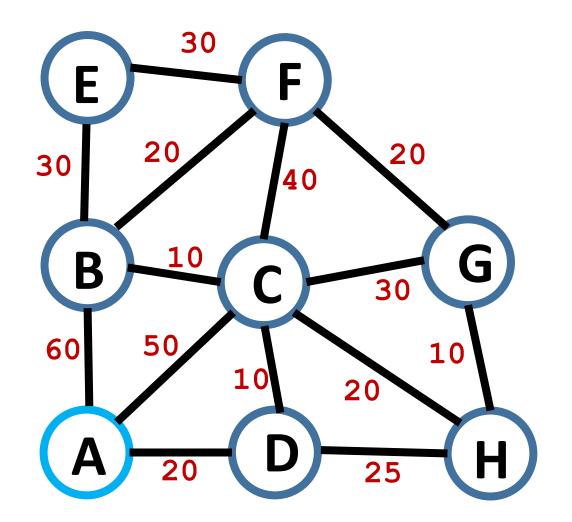
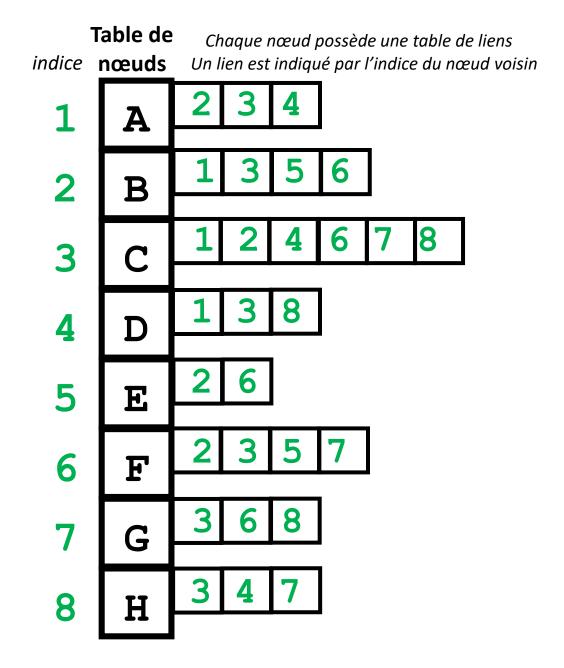
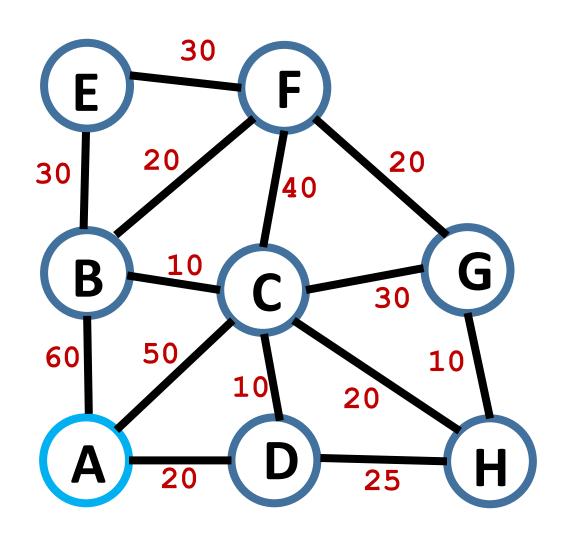
Exemple de recherche de l'ensemble des plus courts chemins à partir d'un nœud quelconque jusqu'à A avec Dijkstra :









Etat initial: A = nœud de départ

- in à true (fond vert, sinon rouge)
- parent à no_link
- o access à ∞ sauf pour A

Table TA des liens triés dans l'ordre croissant de *access*



1

2

3

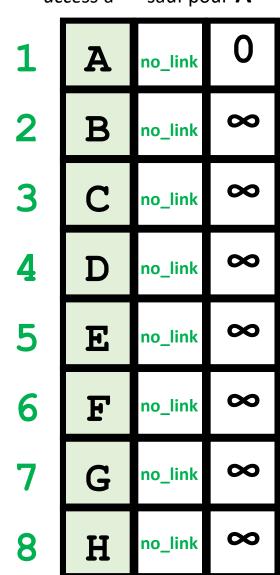
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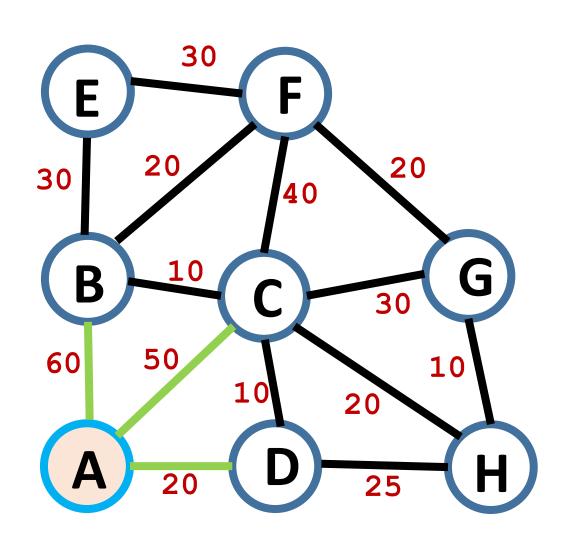
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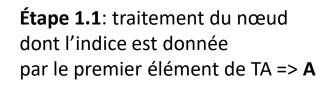
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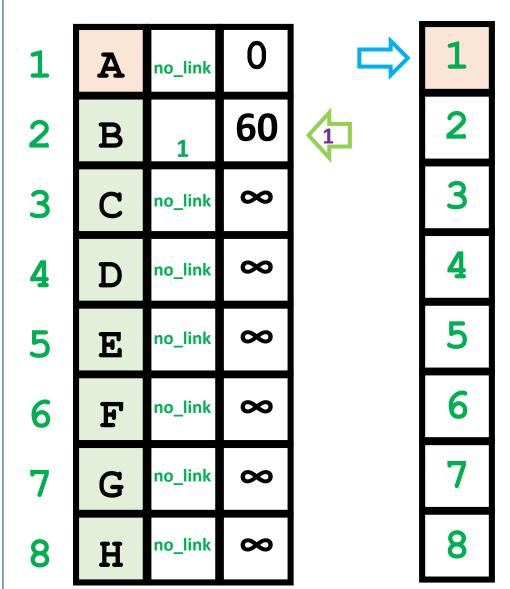
7

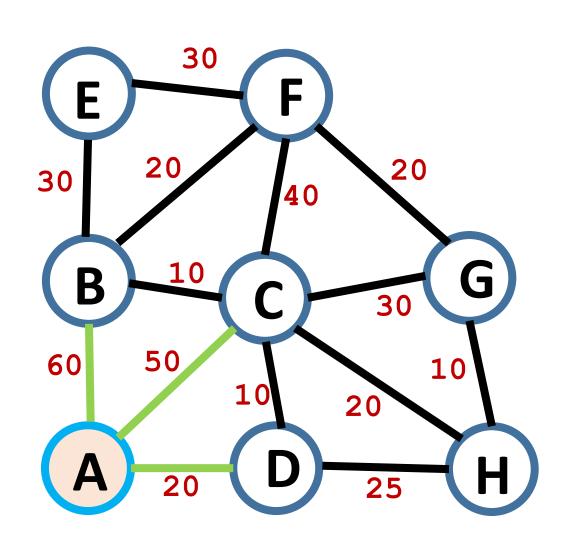
8

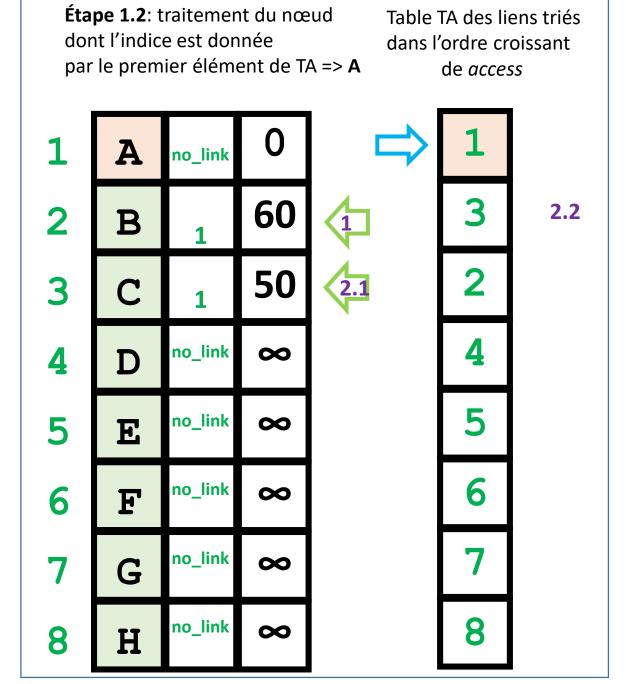


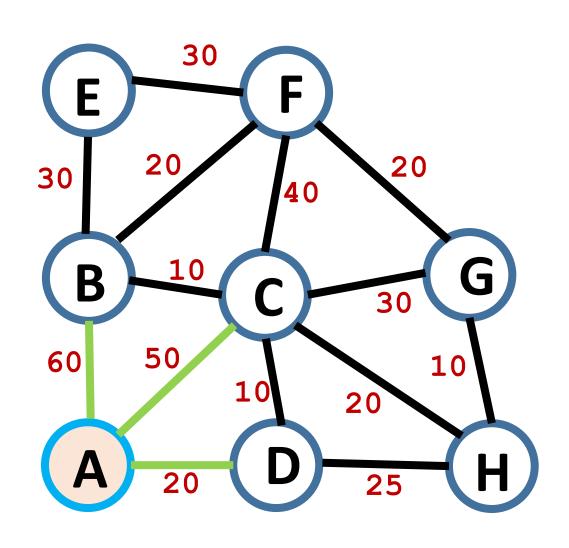


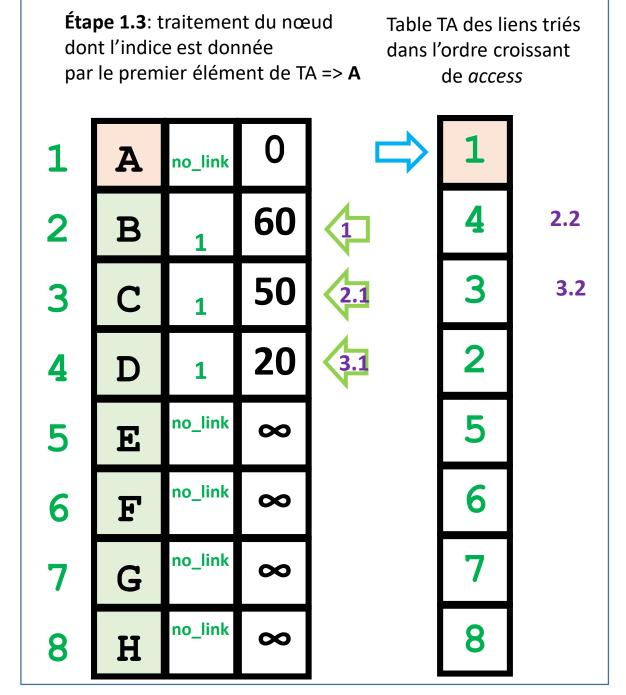


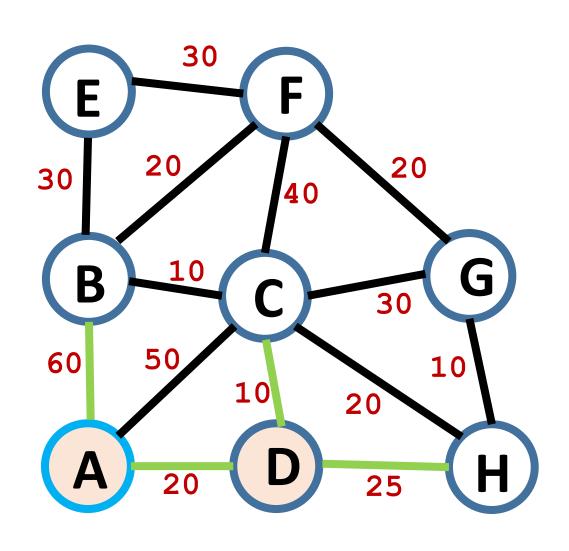




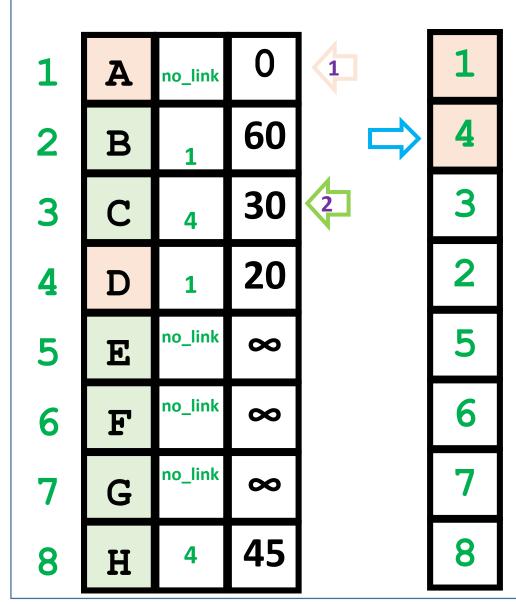


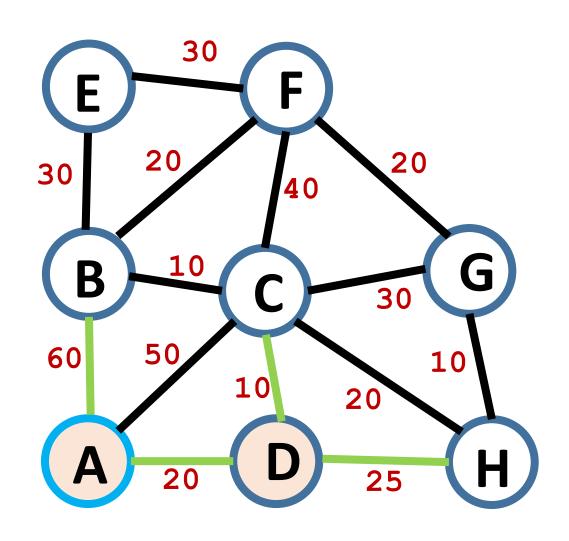


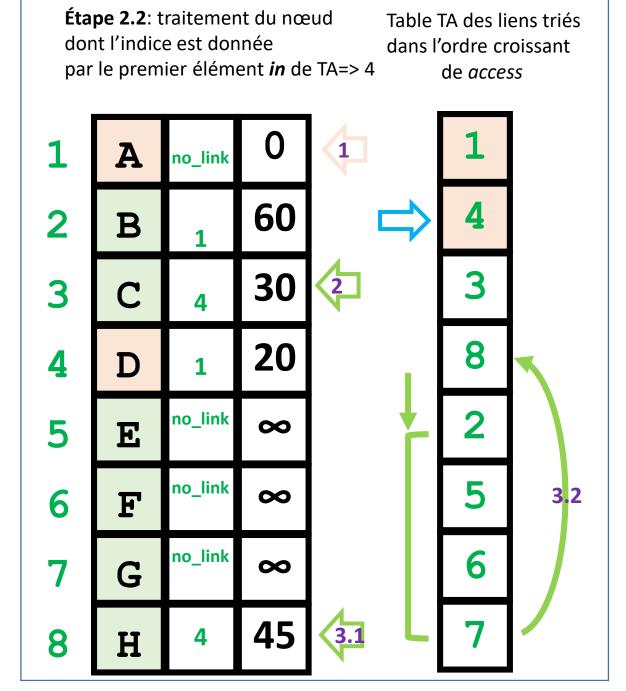


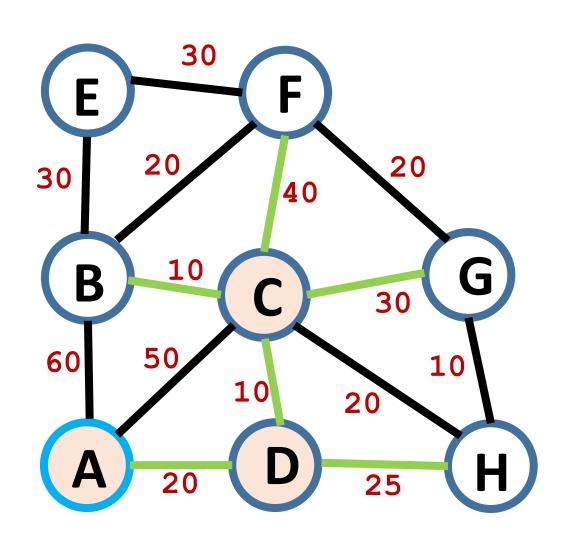


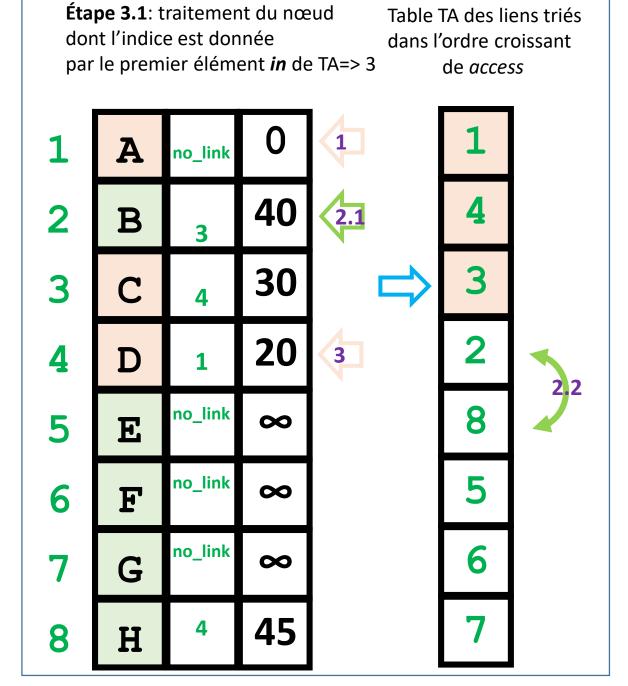
Étape 2.1: traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 4

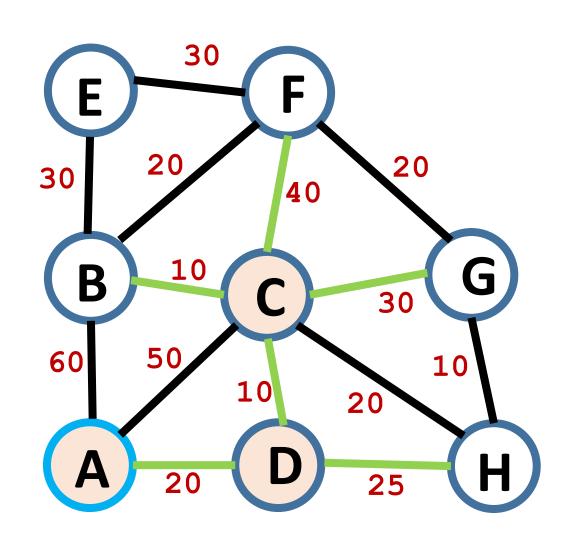


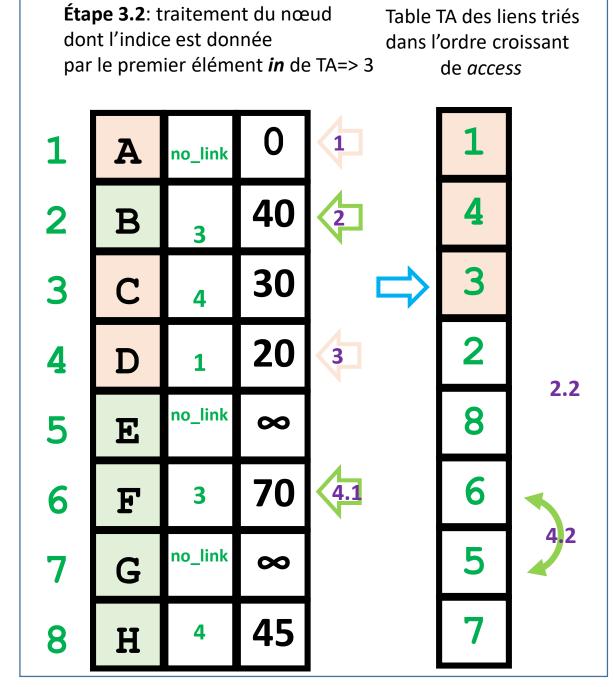


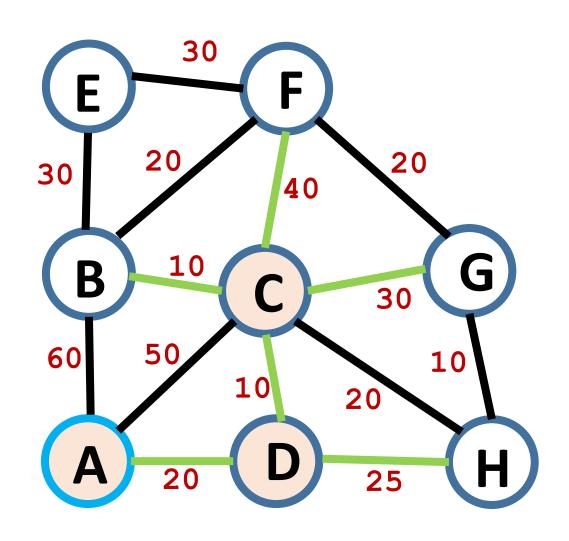


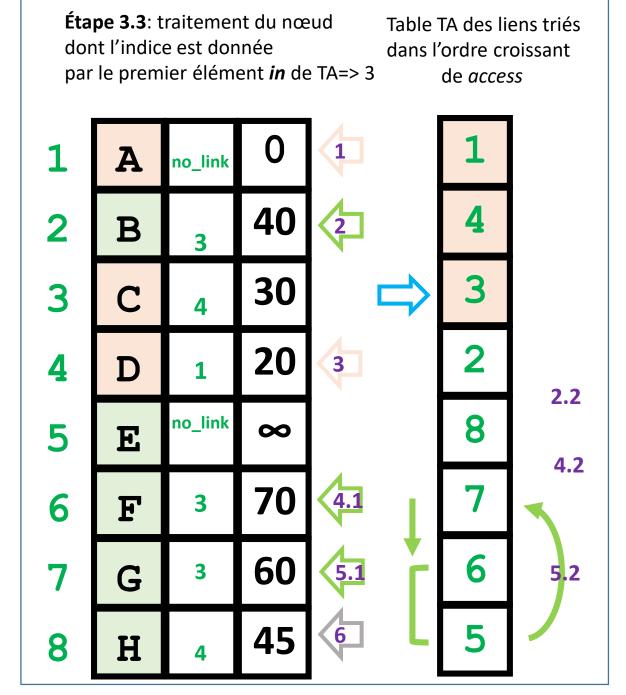


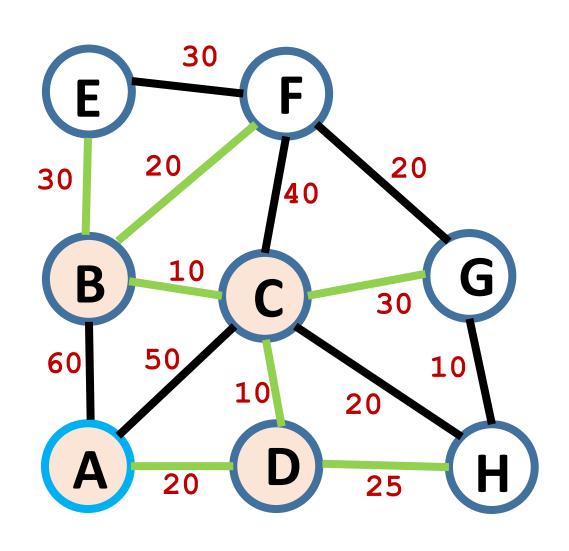




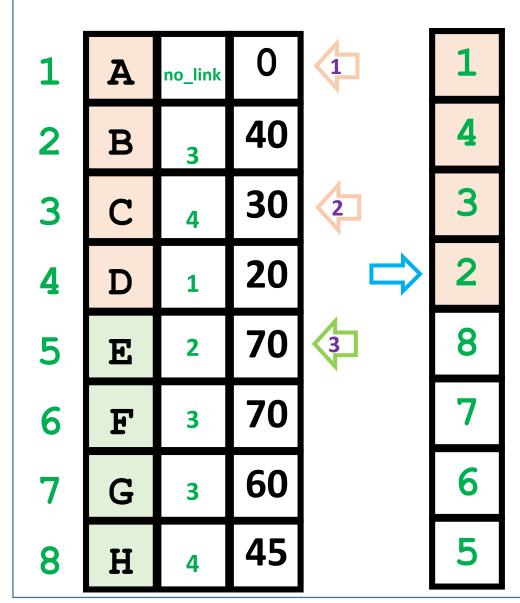


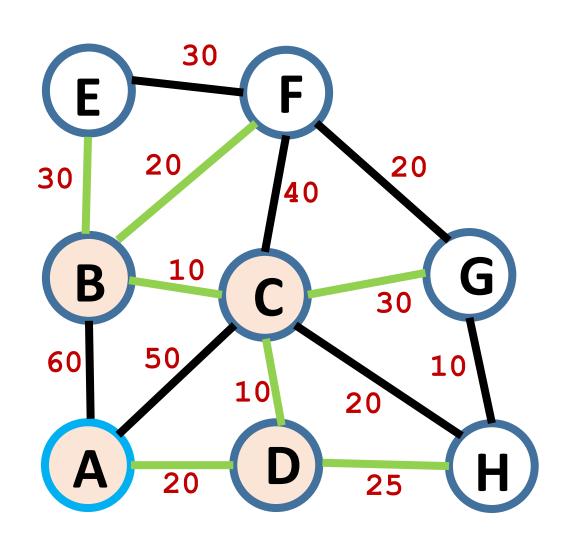




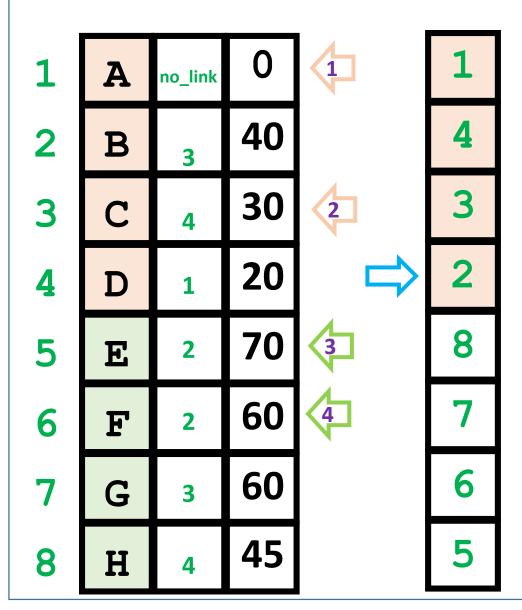


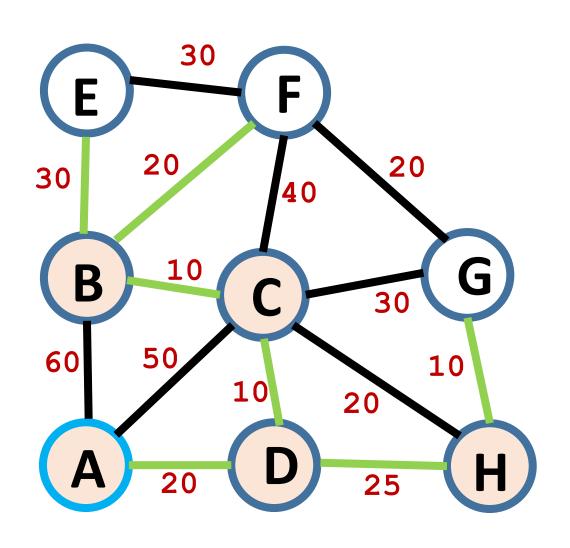
Étape 4.1: traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 2



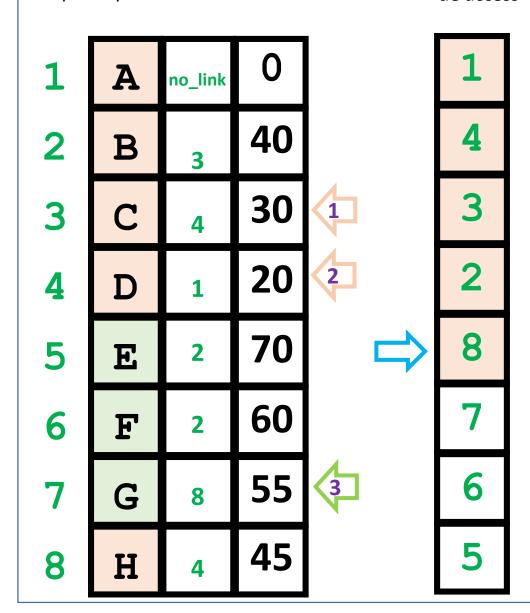


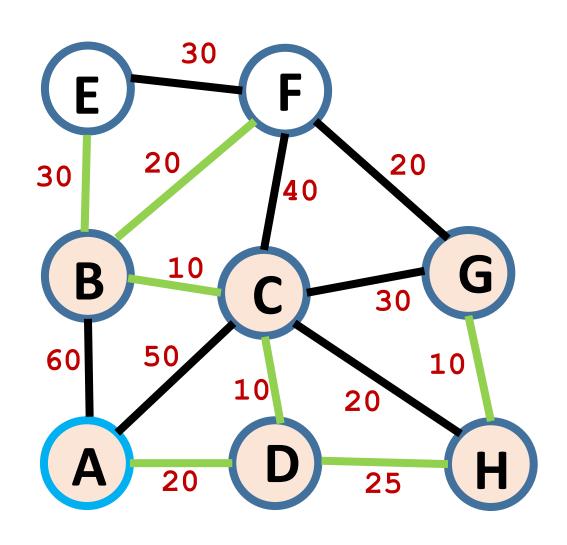
Étape 4: état **APRES** le traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 2



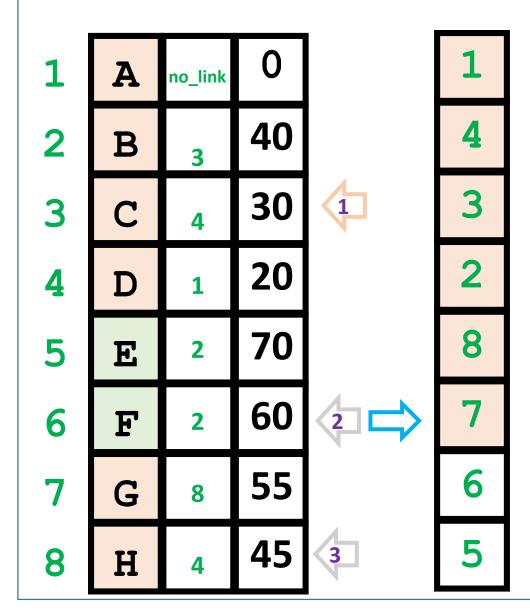


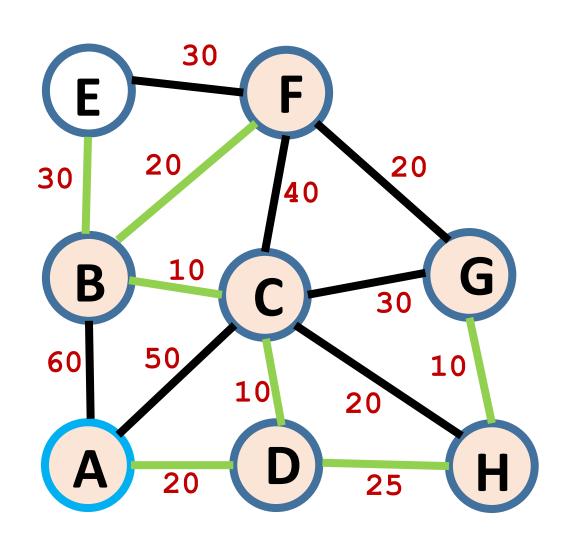
Étape 5: état **APRES** le traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 8



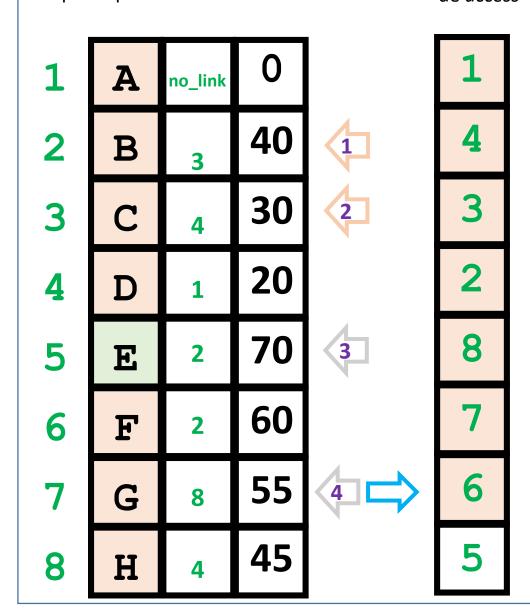


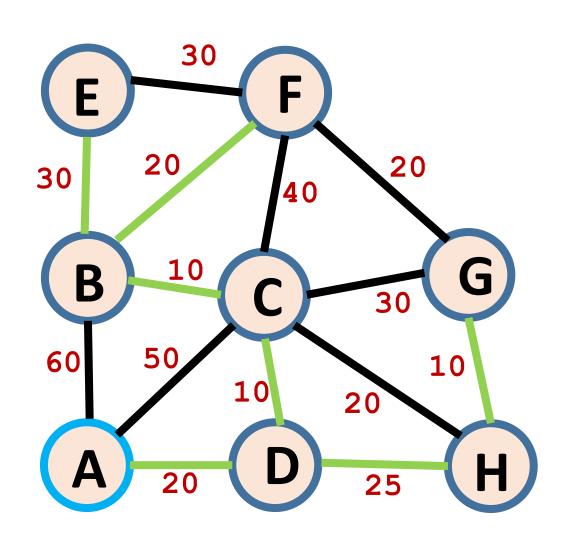
Étape 6: état **APRES** le traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 8





Étape 7: état **APRES** le traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 8

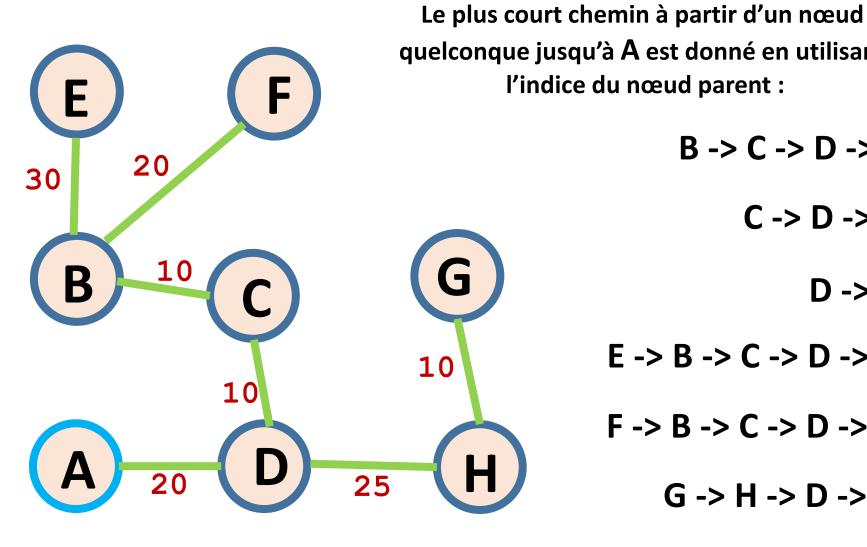




Étape 8: état **APRES** le traitement du nœud dont l'indice est donnée par le premier élément *in* de TA=> 8

1	A	no_link	0		1
2	В	3	40	1	4
3	С	4	30		3
4	D	1	20		2
5	E	2	70		8
6	F	2	60	2	7
7	G	8	55		6
8	Н	4	45	\Rightarrow	5

parent



Arbre des chemins les plus courts à partir du nœud A

A est donné en utilisant nœud parent :	1	A	no_link
B -> C -> D -> A	2	В	3
C -> D -> A	3	С	4
D -> A	4	D	1
-> B -> C -> D -> A	5	E	2
-> B -> C -> D -> A	6	F	2
G -> H -> D -> A	7	G	8
H -> D -> A	8	Н	4