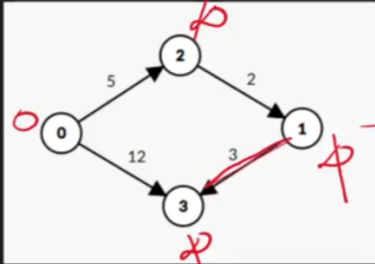


Bellman Ford

if there a negative weight and a circle available in a graph, then the Dijkstra algorithm will not work properly. for this reason we use Bellman Ford algorithm to avoid to do that

Bellman-Ford

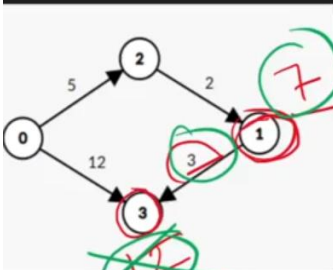


$n-1$

1 3
2 1
0 2
0 3

aikhane total node 4 ta aijonne
 $4-1 = 3$ bar process ta colbe

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1 3
2 1
0 2
0 3

1
a

$$\text{if } \left(\frac{\text{dis}[a]}{7} + c_3 < \frac{\text{dis}[b]}{12} \right)$$

$$\rightarrow \text{dis}[b] = \frac{\text{dis}[a]}{7} + c_3$$

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