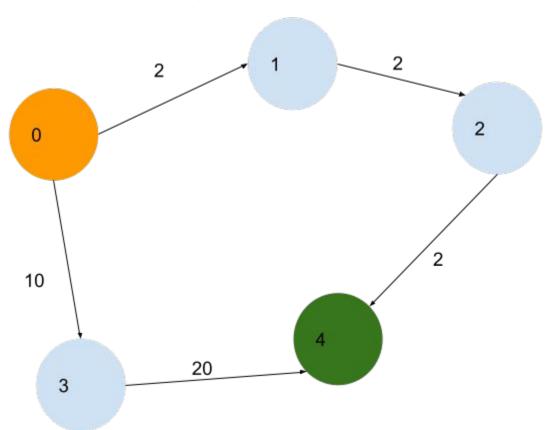
SSSP

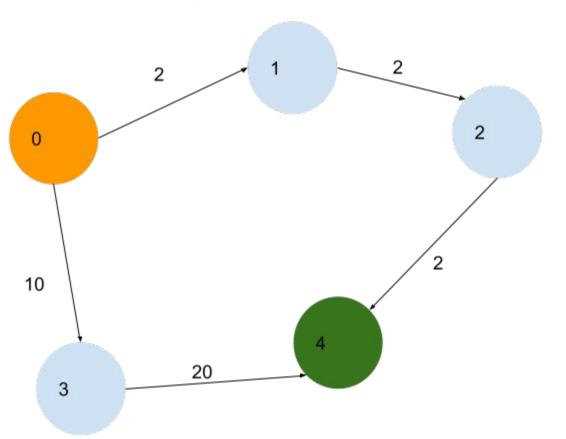
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Dijkstra Algorithm



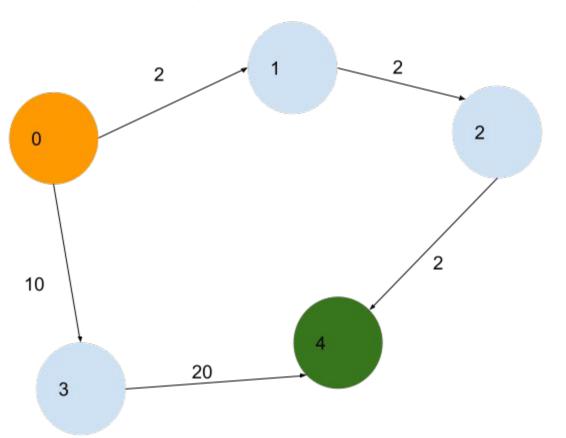
- 1. Init: the distance to every node as INF
- Explore the shortest UNEXPLORED node
- Update the distance if we find a shorter one

Dijkstra Algorithm



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Dijkstra Algorithm



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Update:

Naive one: update it immediately Modified one: update it later (soft deletion)