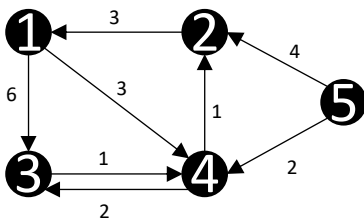


Dijkstra Algorithm

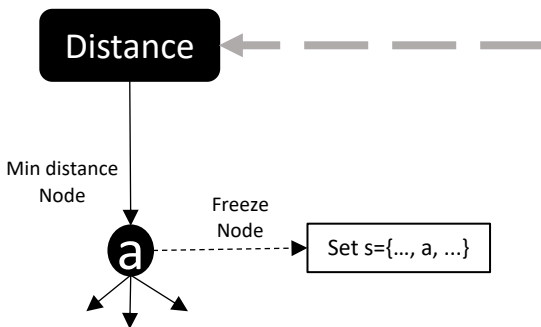


Set $s=\{a\}$

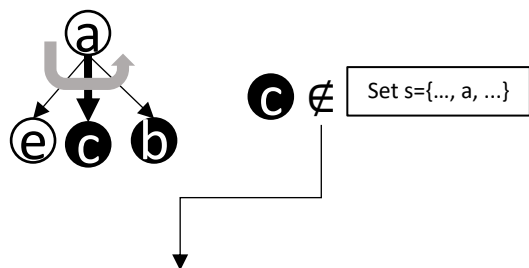
Distance

...	a	...	n
INF	0	INF	INF

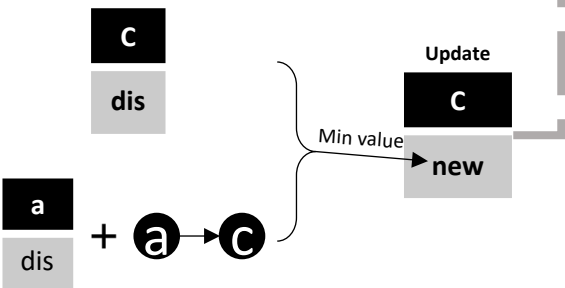
1. Select Min Node



2. Check



3. Update Distance

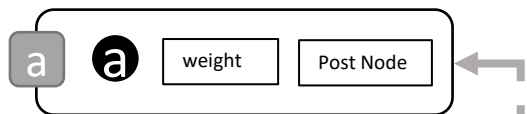


Priority Queue

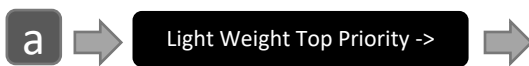
Distance

...	a	...	n
INF	0	INF	INF

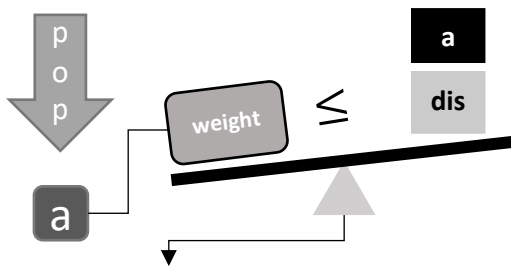
0. Vertex



1. Push Node



2. Pop & Compare



3. Search & Update

