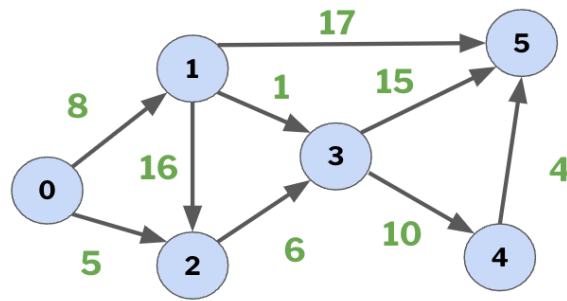


Graph Algorithms: Dijkstra's Algorithm



Instructions:

- Using the variables below, **trace** the algorithm starting at **source=0** and ending at **target=5**.
- Assume the order of the adjacency list for each vertex is the reverse natural order (e.g., 3->2->1).

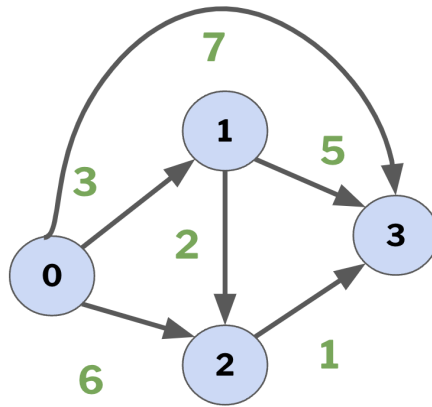
distTo = [0 1 2 3 4 5]

pathTo = [0 1 2 3 4 5]

pq = []

v	w	alt
----------	----------	------------

Graph Algorithms: Dijkstra's Algorithm



Instructions:

- Using the variables below, **trace** the algorithm starting at **source=0** and ending at **target=3**.
- Assume the order of the adjacency list for each vertex is the reverse natural order (e.g., 3->2->1).

distTo =

	0	1	2	3	
[					]

pathTo =

	0	1	2	3	
[					]

pq = []

<u>v</u>	<u>w</u>	<u>alt</u>
-----------------	-----------------	-------------------