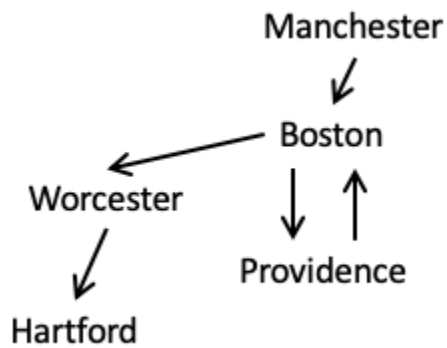


Backtracking

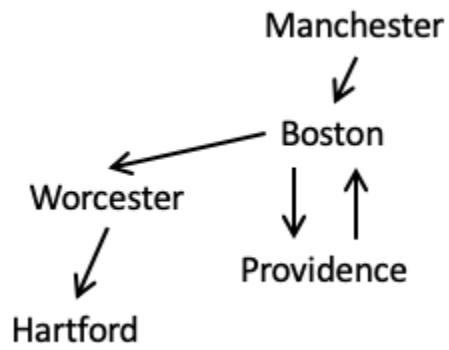


Step through the DFS and BFS algorithms for finding the route between Manchester and Hartford, this time keeping track of the previous city in a HashMap. Add more rows if you need to. The first few steps for DFS have been done for you.

DFS:

toCheck	visited	cameFrom
man-bos-pvd	man, bos,	bos -> man pvd -> bos wos -> bos
wos		

Backtrack through cameFrom from Hartford to Manchester to get the route:

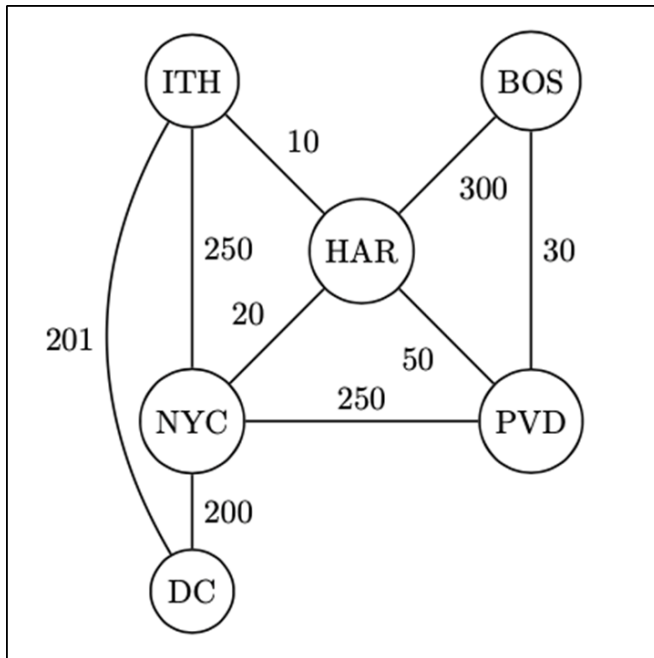


BFS:

toCheck	visited	cameFrom
man-bos-pvd	man, bos,	bos -> man pvd -> bos wos -> bos
wos		

Backtrack through cameFrom from Hartford to Manchester to get the route:

Dijkstra's algorithm



Find the cheapest route from Boston to NYC

toCheckQueue			Route distances	cameFrom
Name	Route Distance	Order in Queue	BOS: DC: HAR: PVD: ITH:	