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Function Dijkstra:
Input: network and points
Output: map of nodes with distance and previous node
For each node (v)
       Insert()
Set source distance to 0
While size(queue) > 0 (v)
       currentNode = deletemin()
       for neighbors of currentNode (max v per iteration, total e over all iteration)
               weight = currentNode weight + edge weight
               if weight < endNode weight
                       decreasekey(endnode, weight)
                       updatePreviousNode(endnode, currentNode)
Heap
DecreaseKey()
Input: index, weight
Output: none
Change weight of node at index
bubbleUp()
DeleteMin()
Input: none
Output: node with lowest weight
Swap first and last nodes
Pop and store new last node
siftDown()
return stored node
Insert()
Input: node and weight
Output: none
Add new node to end
bubbleUp()
Array
DecreaseKey()
Imput: node index and weight
Output:none
Update weight of node at index
DeleteMin()
Input: none
Output: node with lowest weight
Search for lowest weight and remove from array, return it
```

Insert()

Input: node and weight

Output: none

Add to end of array



