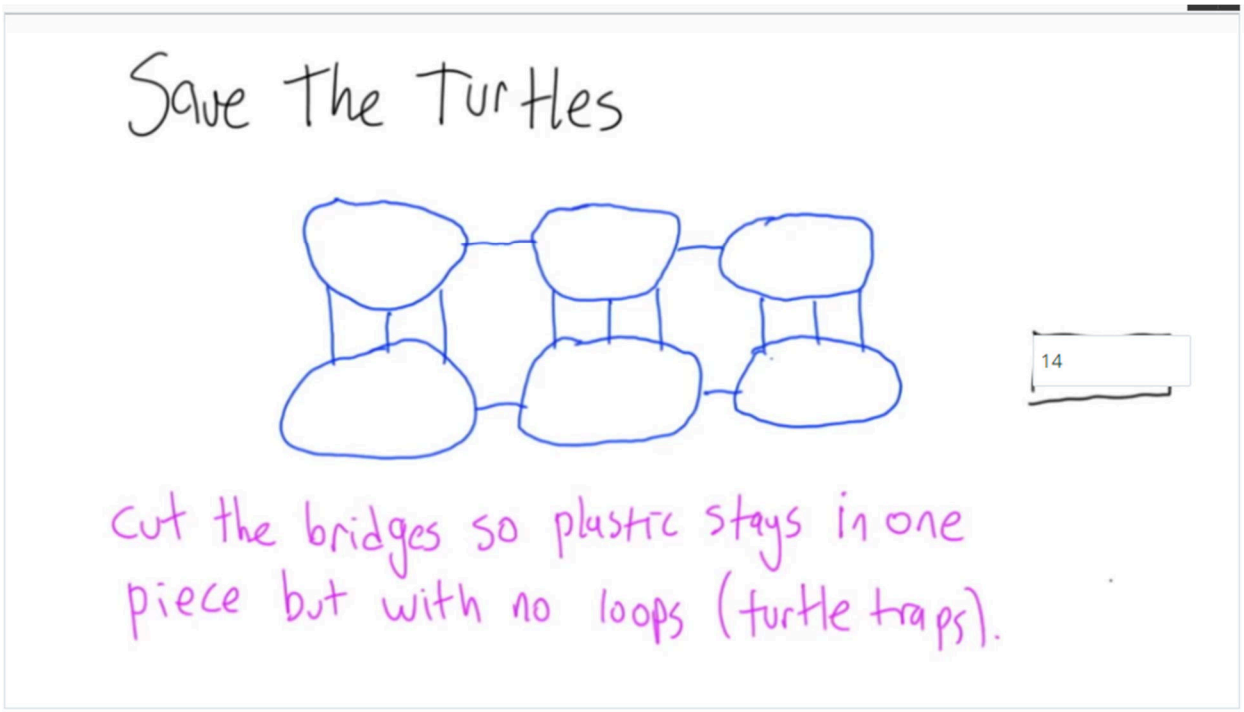
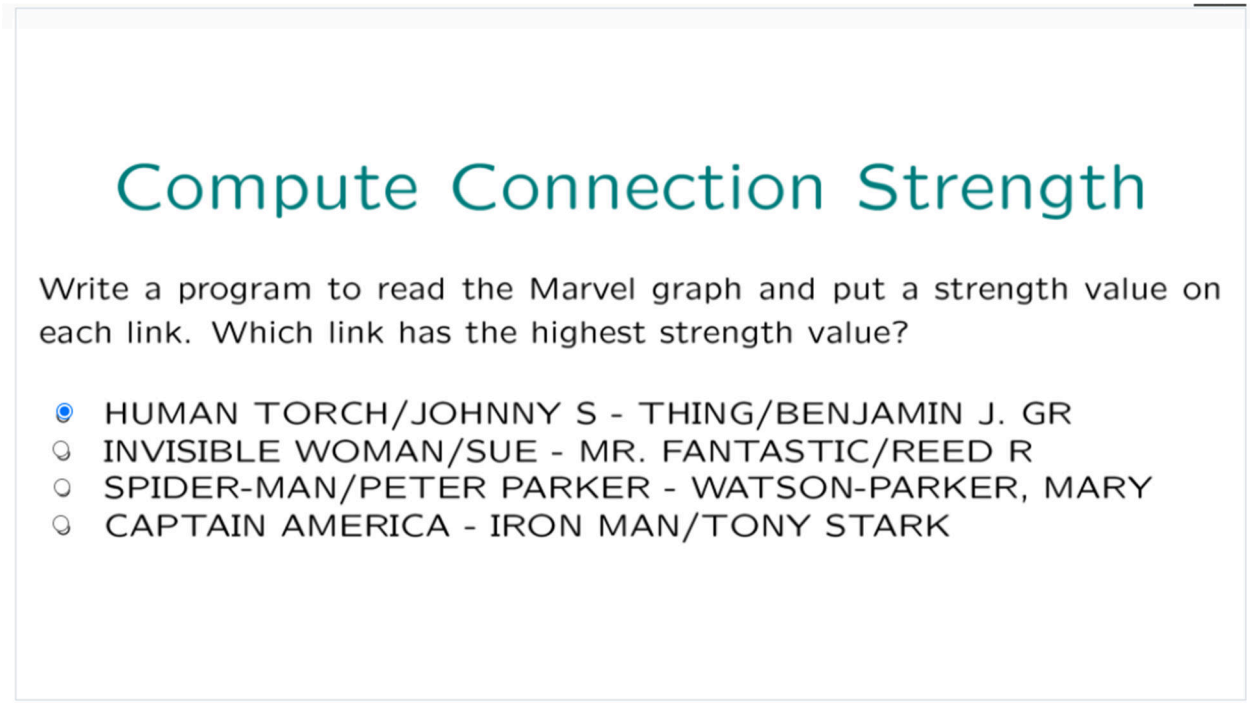
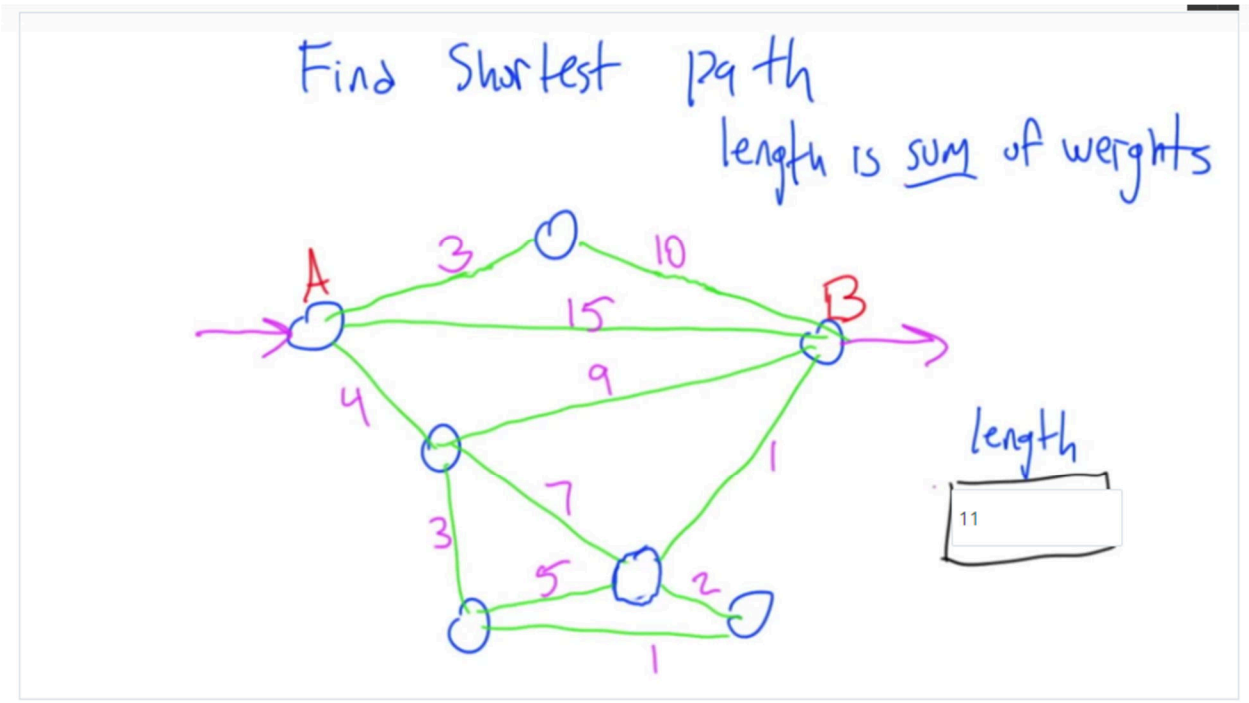
Save the Turtles



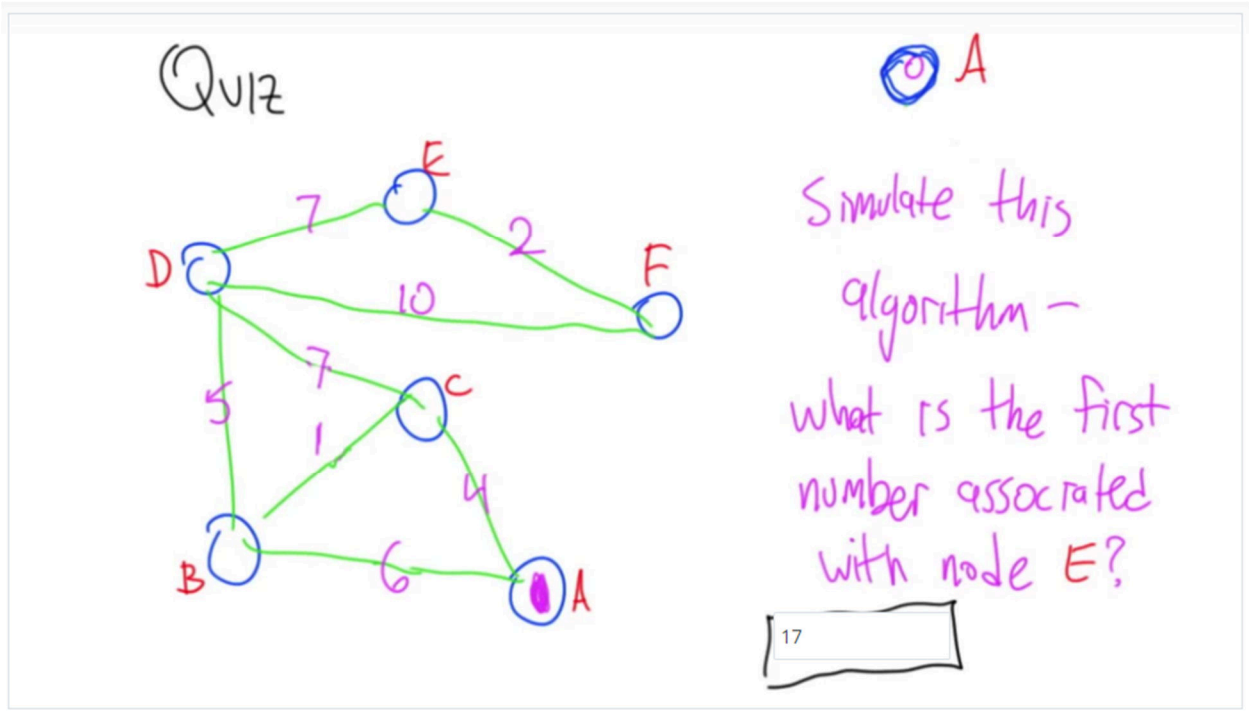
Strength of Connections



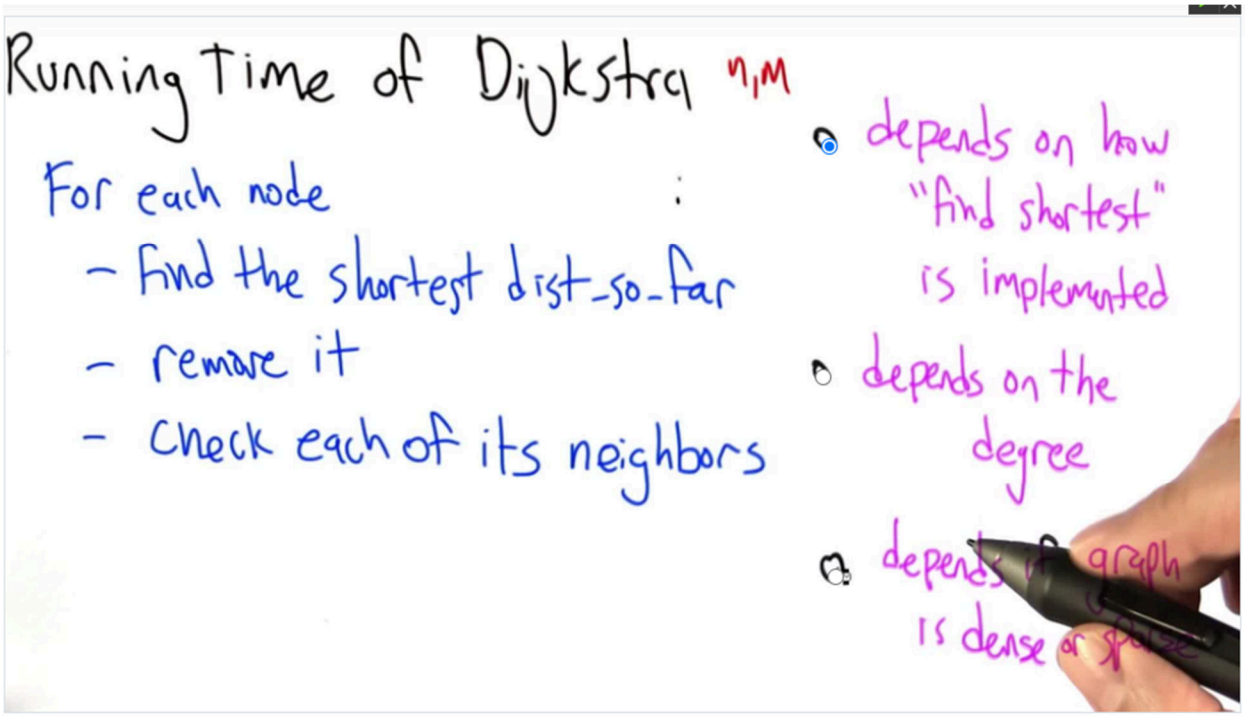
Find the Shortest Path



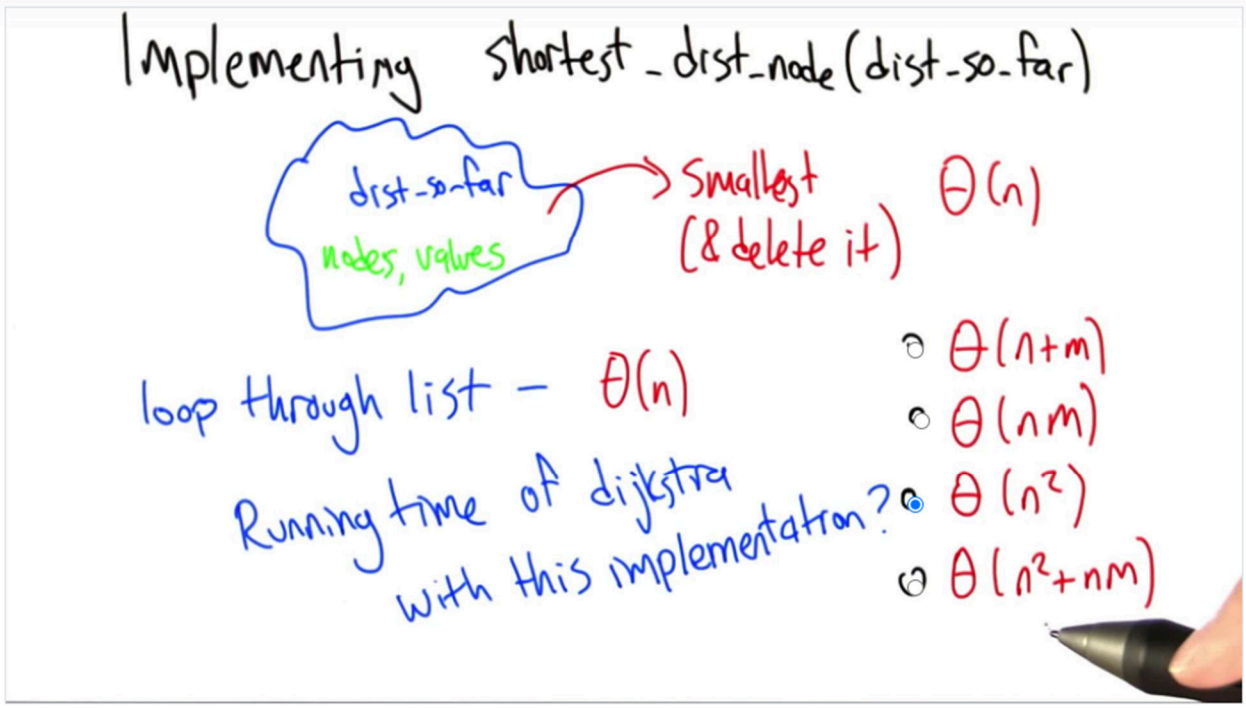
Simulate this Algorithm



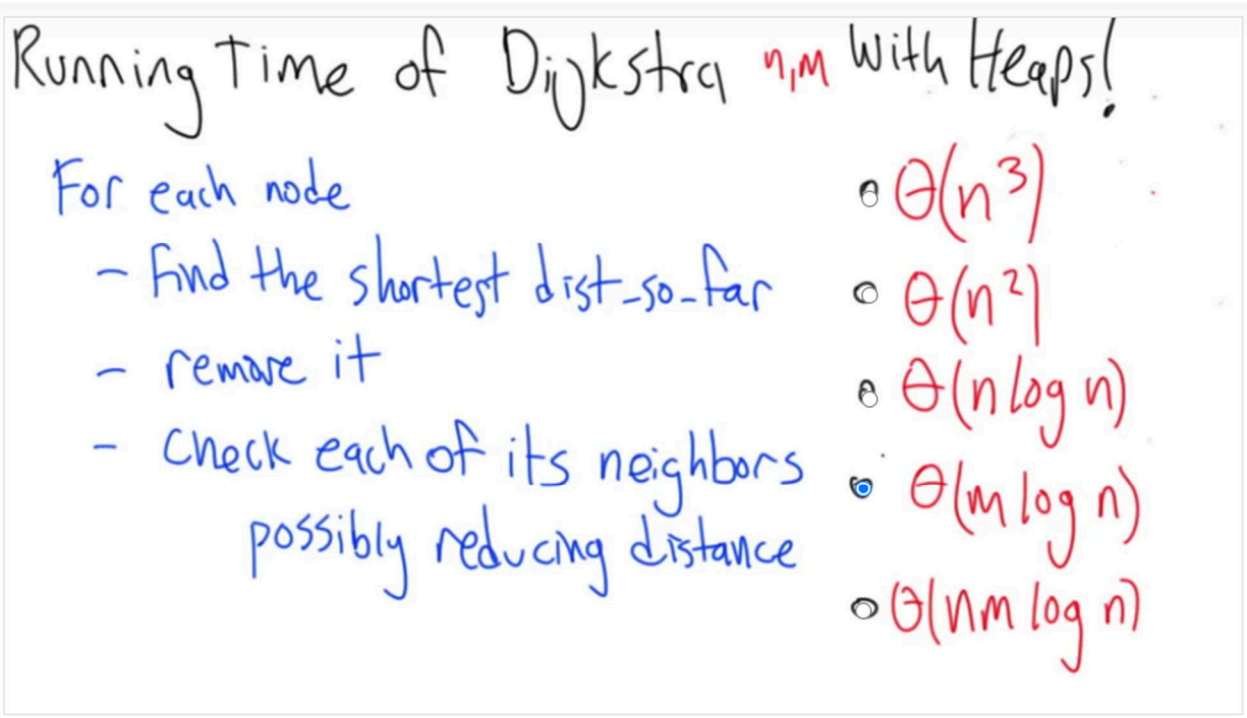
What is Missing?



Implementing Shortest Distance



Using Heaps



Randomizing Clustering Coefficient

```
9  def expected_C(G,v):
0      # G[v].keys() is the set of neighbors of v
1      neighbors = G[v].keys()
2      degree = len(neighbors)
3      # x in G[w][x] if x and w are connected in the graph (C[w,x])
4      return clustering_coefficient(G, v)
5
```