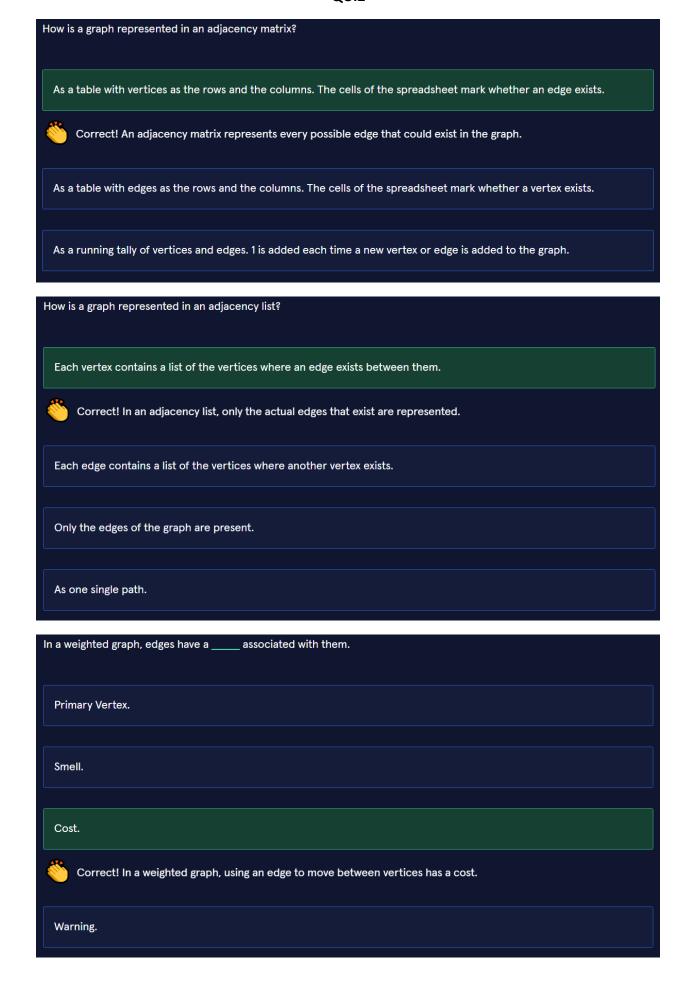
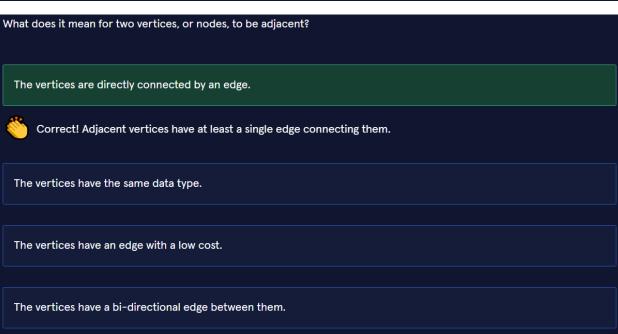
QUIZ



In an undirected graph, an edge connecting two vertices is bi-directional.
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False.
True.
Correct! In an undirected graph, edges are symmetric. An edge between A and B implies an edge
between B and A.
In a directed graph, you can always move between two vertices as long as an edge exists between them.
False
Correct! In a directed graph, edges are not bi-directional by default. The direction is specified for each
edge.
True
What is the node in a graph called?
A Link.
A Data Point.
// Sala / Gillin
A Vertex.
Correct! The plural of vertex is vertices.
A Root.

What is a cycle?
A path which begins and ends at the same vertex.
Correct! We can think of cycles as a kind of loop inside of the graph.
A weighted graph where every edge has the same cost.
One or more vertices connected to one or more edges.
A directed graph where only one edge is bi-directional.



What is a path?
what is a path?
A sequence of edges connecting a sequence of vertices.
Company The smallest make would be a simple order company to the country but they are grown infinitely.
Correct! The smallest path would be a single edge connected to a vertex, but they can grow infinitely
long.
The overall structure of the graph.
The optimal route for moving through the graph.
A clustering of vertices that all contain the same data.
A connection between two vertices is called what?
A Road.
A Nodu.
A Bridge.
An Edge.
Correct! Edges signify a connection between two vertices. They can be bi-directional or one-way.
231 231 256 316 III y a serimenten Bettiesti til 131 tilotti. Tilot seriesti bo bi ali occional or one maj.
A Trail.
A Itali.