Homework #1 Breadth-First Search (BFS)

Be able to work through BFS using the following pseudocode:

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Pseudo-code for breadth-first search:

bfs(v1, v2):

List := {v1}.

mark v1 as visited.

while List not empty:

v := List.removeFirst().

if v is v2:

path is found.

for each unvisited neighbor v; of v
where there is an edge from v to v;:

mark v; as visited.

List.addLast(v;).

path is not found.
```

Video 1: https://www.youtube.com/watch?v=oDqjPvD54Ss Focus on BFS (don't worry about reconstructing path).

Video 2: https://www.youtube.com/watch?v=0u78hx-66Xk