Is BFS Artificial Intelligence?	The Point: Algorithms Can Be Subtle
BFS was invented by E. F. Moore (remember Moore machines?). After you have seen BFS, it seems pretty simple. But people used to think of it as "artificial intelligence."	Finding the simplest algorithm to solve a problem can be challenging. Experience helps. Classes help. All CompEs must take CS225 (Data Structures) and CS374 (Algorithms),
You will use DFS (depth-first, using a stack instead of a queue) soon in an MP.	so you have time to learn. Don't worry about finding ideal solutions in our class.
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Build	Good	Habits	Now
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What can you do now?

- **1. Start with a mental model** (for now, as a flow chart on paper).
- 2. Write lots of comments.
- 3. Structure your code clearly.

4. Avoid repetition:

- Reuse code instead of cutting and pasting.
- Every time you copy code, you copy any bugs that the code contains.

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