

Fundamentals of AI - Quiz Review

Here are review suggestions:

Singly Linked List

- Know how to write every function for a singly-linked list.
- You will be given code and will be asked what it does.

AI Basics

- Know the difference between reflex, goal-based, and utility-based agents.
- Understand different methods agents use to get knowledge and when to use them.
- Be able to distinguish between different types of problem spaces.

Trees

- Be able to write the code for depth-first traversals (preorder and postorder).
- You **will** have to write the code for breadth-first traversal by hand.

Graphs

- Know the different parts of a graph and how they are used (vertices, edges, and costs).
- Be able to calculate the cost between two points given a set of coordinates and a terrain weight.