

Assignment - 1

1. What is an intelligent agent, and how does it operate within artificial intelligence systems?
2. How do problem-solving agents find solutions, and what is the role of the search strategy?
3. Describe the Breadth-first search strategy and its application in AI.
4. What is A* search, and how does it improve on basic heuristic search strategies?
5. Explain the concept of heuristic functions and their significance in informed search strategies.