

9371 exp 8

Post lab

=>1 Methods to solve the Tower of Hanoi Problem:

- Recursive Approach
- Iterative Approach
- Dynamic Programming Approach
- Bit Manipulation Approach
- Graphical Approach

=>2 The recursive approach is often considered the best approach for solving the Tower of Hanoi problem. It is simple, elegant and closely mirrors the problem's inherent recursive structure.

Recursive algorithms tend to be more intuitive and easier to understand, making them preferable for educational purposes and code readability.

=>3 Educational Tool: Teaches recursion and problem-solving techniques in computer science course

Algorithm Analysis: Used as a benchmark for evaluating the efficiency of recursive algorithms.

Brain Teaser: Featured in puzzle books and brain-training exercises to challenge logical thinking and problem-solving skills.

Disk Storage Management: Analogous to moving data between different storage devices or partitions efficiently.