

1. Methods to solve 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 inheritance 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 effect of recursive algorithm.
Brain Teaser: Featured in a puzzle books and training exercise to challenge logical thinking and problem solving skills.