

Tower of Hanoi Solver with Visualization

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Description

A Tower of Hanoi solver using recursion, visualized using Pygame.

Features

- Recursive solution for the Tower of Hanoi problem.
- Real-time visualization using Pygame.
- Adjustable number of disks.

Installation

1. Install Python 3.11 or later.
2. Run:
`pip install requirements.txt`

How It Works

- The rods and disks are represented as a list of lists.
- The recursive function 'tower_of_hanoi' moves disks between rods, updating their positions.
- Pygame is used to visually represent each move.

Usage

- Adjust the number of disks by changing 'num_disks' in the 'main' function.
- Run:

```
python3 main.py
```