🧩 Knights and Knaves Puzzle Instructions

📂 GitHub Repository

Explore the code and contribute on GitHub:
🔗 **https://github.com/SoloStarkes/Knights-Knaves-Puzzle**

🧠 How to Solve Knights and Knaves Puzzles

In each puzzle, you'll encounter characters who live on an island where:

- 🛡️ **Knights always tell the truth**

- 🗡️ **Knaves always lie**

Your goal is to figure out **who is a knight and who is a knave** based on their statements.

🕹️ Getting Started

Head over to 👉 **https://knights-knaves-puzzle.onrender.com** to start solving puzzles!

Use the buttons at the top of the page to select your puzzle difficulty:

- 🔹 **Easy Puzzle** – Beginner-friendly logic puzzle

- 🔶 **Medium Puzzle** – More challenging scenario

- 🔺 **Hard Puzzle** – For advanced logical thinkers

Each button generates a new puzzle instantly.

🔍 Step-by-Step Instructions

1. Read Each Character's Statement

Carefully review what each person says. Their words are your clues.

2. Apply the Rules

- If a character is a **knight**, their statement must be **true**

- If a character is a **knave**, their statement must be **false**

3. Use Deductive Reasoning

Assume a character is a knight or a knave and test the logic:

- "If this person is telling the truth, does it make sense?"

- "If this person is lying, does it contradict other statements?"

4. Look for Contradictions

If your assumptions lead to a contradiction, switch the roles and re-evaluate.

5. Confirm Your Answer

Once every character's role is logically consistent with all statements, you've solved the puzzle!