ASSIGNMENT

Front end Templates Provided:

1. **Template 1** – (Trigonometry- pythegorean Triplet)
2. **Template 2** – (Compound Interest / Interest-based Questions)

Link - source

Both templates contain:

- **Fixed box layouts** (number boxes, variable boxes, fraction boxes, black boxes, highlight boxes, etc.)
- **Pre-set arrows, columns, and steps**
- **Stylized illustrations for logical flow**

Your Task

1. Select **any question** from the following topics:
    - ○ Simple Interest & Compound Interest
    - ○ Trigonometry .
2. Solve the question using the **given templates**.
    - ○ Use **Template 1** if the solution involves linear steps and arithmetic breakdown.
    - ○ Use **Template 2** if the problem involves **powers, repeated multiplication, or interest-based growth**.
3. Replace only the **numbers, variables, and calculation steps** in the template.
    - ○ Do **NOT** change the structure or CSS.
    - ○ Do **NOT** add/remove divs or alter the given layout.
4. Make sure the **logic flow remains consistent** with the template arrows, fractions, and highlight boxes.

Rules

✅ You may only **adjust content inside existing divs**.

✅ You may **reuse fraction, number, and variable boxes** to represent calculations.

✅ You may **change images/icons** if needed, but keep size/style consistent.

❌ Do not modify CSS or template structure.

❌ Do not delete or move layout blocks.

Deliverables

- Submit **2 solved problems** using **Template 1**
- Submit **2 solved problems** using **Template 2**
- Attach screenshots of the rendered output.

Example

- **Question:** A sum of ₹5000 amounts to ₹6050 in 2 years at compound interest. Find the rate of interest.
- **Solution:** Use **Template 2** (Compound Interest Layout). Replace numbers, show fraction simplification, highlight rate .