Roman To Int

TASK: Build a RESTful Express App — Roman Numerals Converter

Nobjective: Your task is to create a simple Express.js application that exposes a RESTful API. The API should accept a Roman numeral (e.g., "XIV") from the user and return the equivalent integer (e.g., 14).

* Requirements:

- 1. Use Node.js with Express.js.
- 2. Create a POST endpoint (e.g., /convert) that:
 - a. Accepts JSON input in the form: { "roman": "XIV" }
 - b. Validates the Roman numeral format.
 - c. Converts the Roman numeral to an integer.
 - d. Responds with the result in the form: { "integer": 14 }
- 3. GET/conversions
 - a. Returns a list of all previous conversions.
- 4. GET/conversions/:id
 - a. Returns a single conversion record by its ID.
- 5. PUT/conversions/:id
 - a. Accepts updated Roman numeral in the body: { "roman": "XVI" }
 - b. Recalculates the integer value, updates the database record, and returns the updated record.

- 6. DELETE /conversions/:id
 - a. Deletes a specific conversion record by ID.
- 7. Your code must be clean, readable, and modular.

P Bonus:

- Add a simple **HTML/CSS** user interface served at / where the user can input a Roman numeral and see the result after submitting.
- Make the UI minimal and visually clean.

Things to keep in mind:

- Stick to best practices in REST API design.
- Validate user input before processing it.
- Modularize your code (e.g., separate logic, routing, and conversion utility).
- Add basic error handling and status codes (e.g., 400 for bad input).

Submission:

- Push your express app on a public github repo
- Include a README file if needed to explain how to run your app.