

Nodejs Lab 2

1. Install Required Packages

- Initialize a Node.js project.
- Install the following packages:
 - Express
 - Nodemon
- Use Nodemon to run your server during development.

2. Redirect to Home Page

Create a route:

/home

- Redirect this route to serve the `index.html` file.

3. CRUD Operations for Comments

- Using Express, implement CRUD operations for the `/comments` endpoint.

Each comment should have the following structure:

```
{  
  "id": number,  
  "author": string,  
  "body": string  
}
```

- Implement the following operations:
 - GET → Retrieve all comments
 - GET → Retrieve a single comment by ID
 - POST → Create a new comment
 - PUT → Update an existing comment
 - DELETE → Remove a comment

★ Bonus Questions (Optional)

1. Error Handling

- Handle cases where a comment ID does not exist.
- Return proper HTTP status codes.

2. Middleware

- Use Express middleware to parse JSON request bodies.

3. Validation

- Ensure `author` and `body` are not empty before saving a comment.

4. Static Files

- Serve static files (HTML, CSS, JS) using Express.