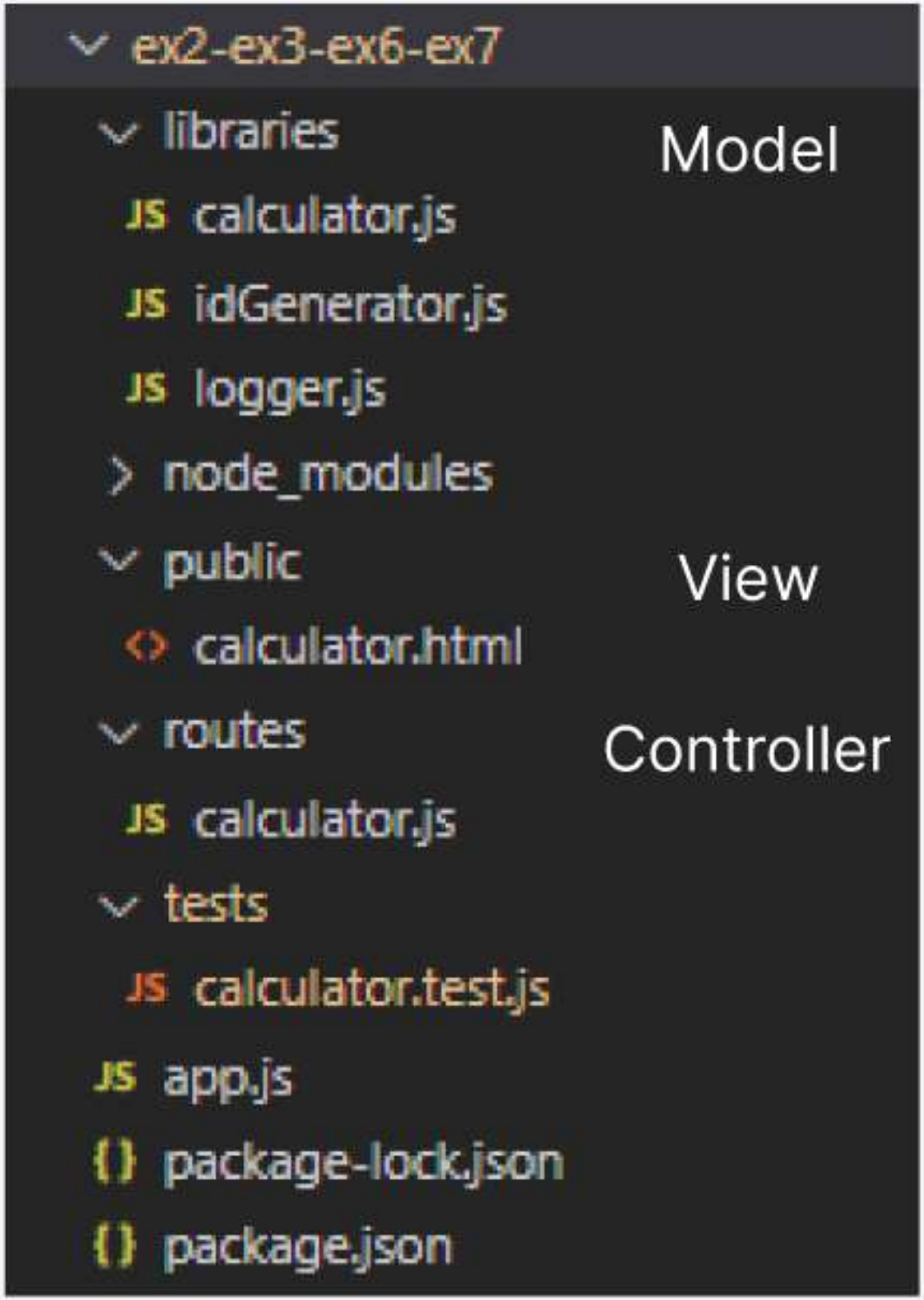
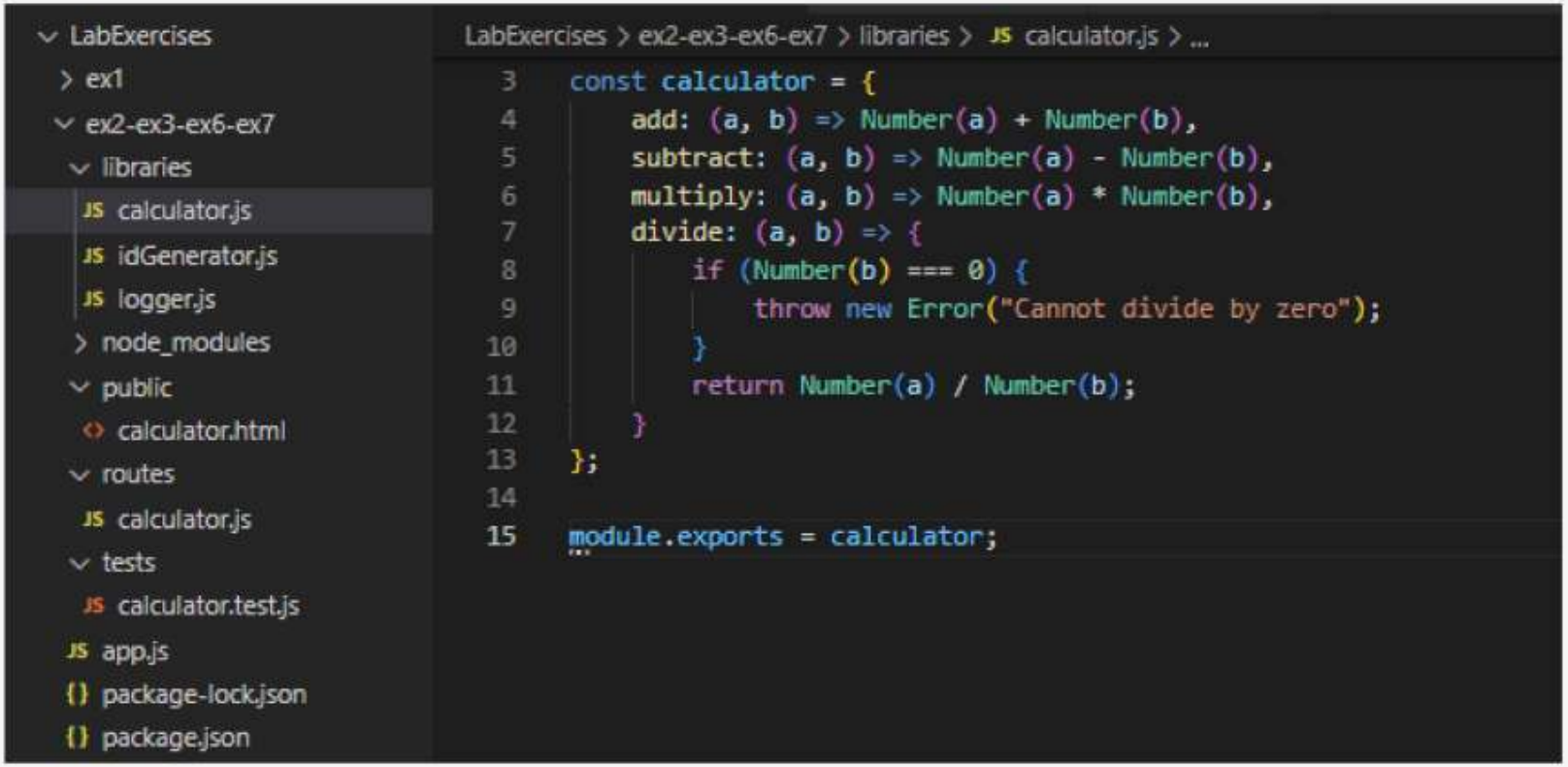

ex2-ex3-ex6-ex7
libraries
calculator.js
idGenerator.js
logger.js
node_modules
public
calculator.html
routes
calculator.js
tests
calculator.test.js
app.js
package-lock.json
package.json
Model
View
Controller

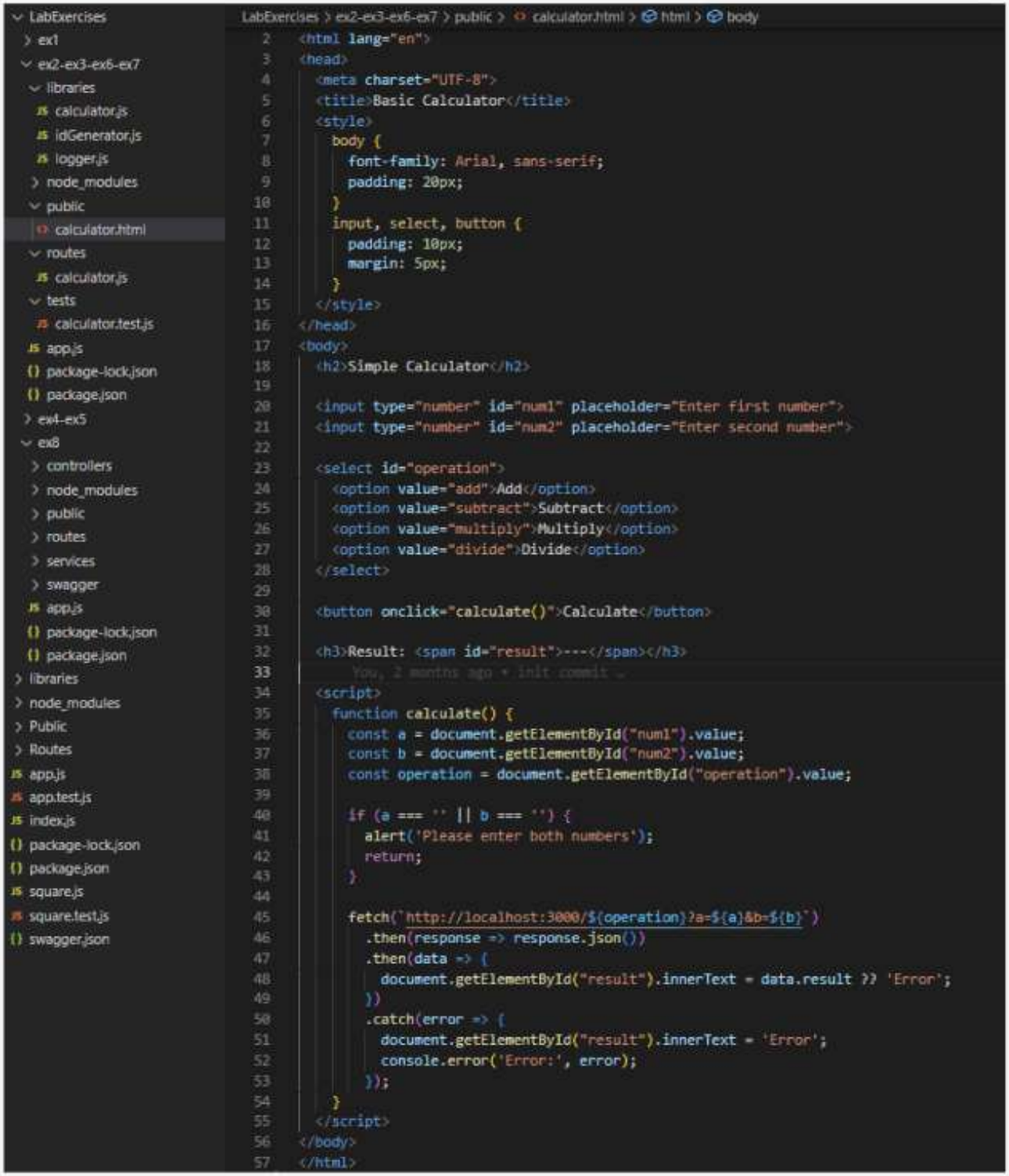
Model

(Business Logic / Data Layer)

libraries/calculator.js



- This contains the actual logic to perform calculations.
- It should contain pure functions like add(), sub(), multiply() & divide().

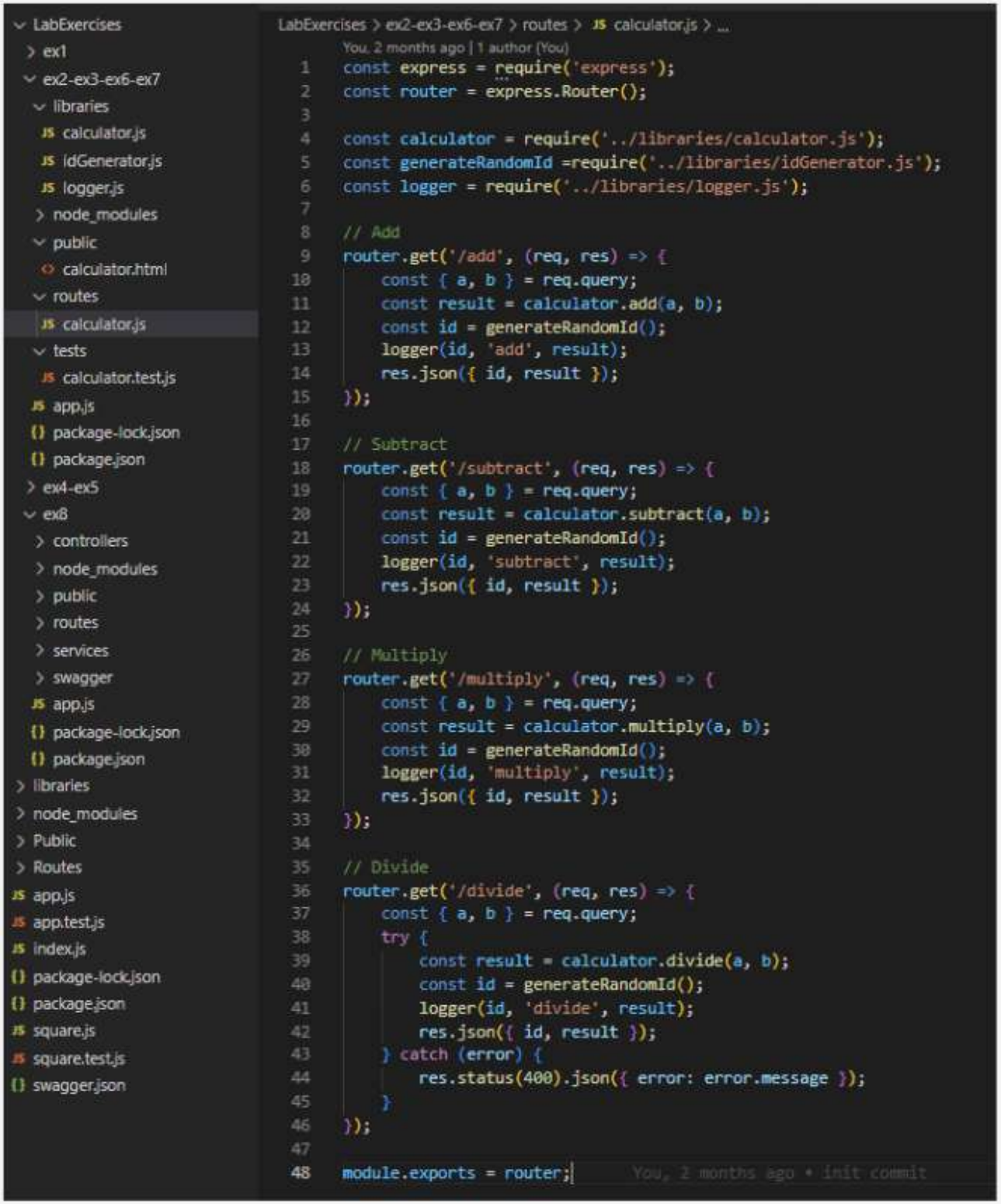


View

(Frontend / UI)

public/calculator.html

- This is the user interface for input and output (e.g., HTML + CSS).
- UI to interact with the app.
- It should mainly contain the input form, not logic.



Controller

(Handles Request & Response)

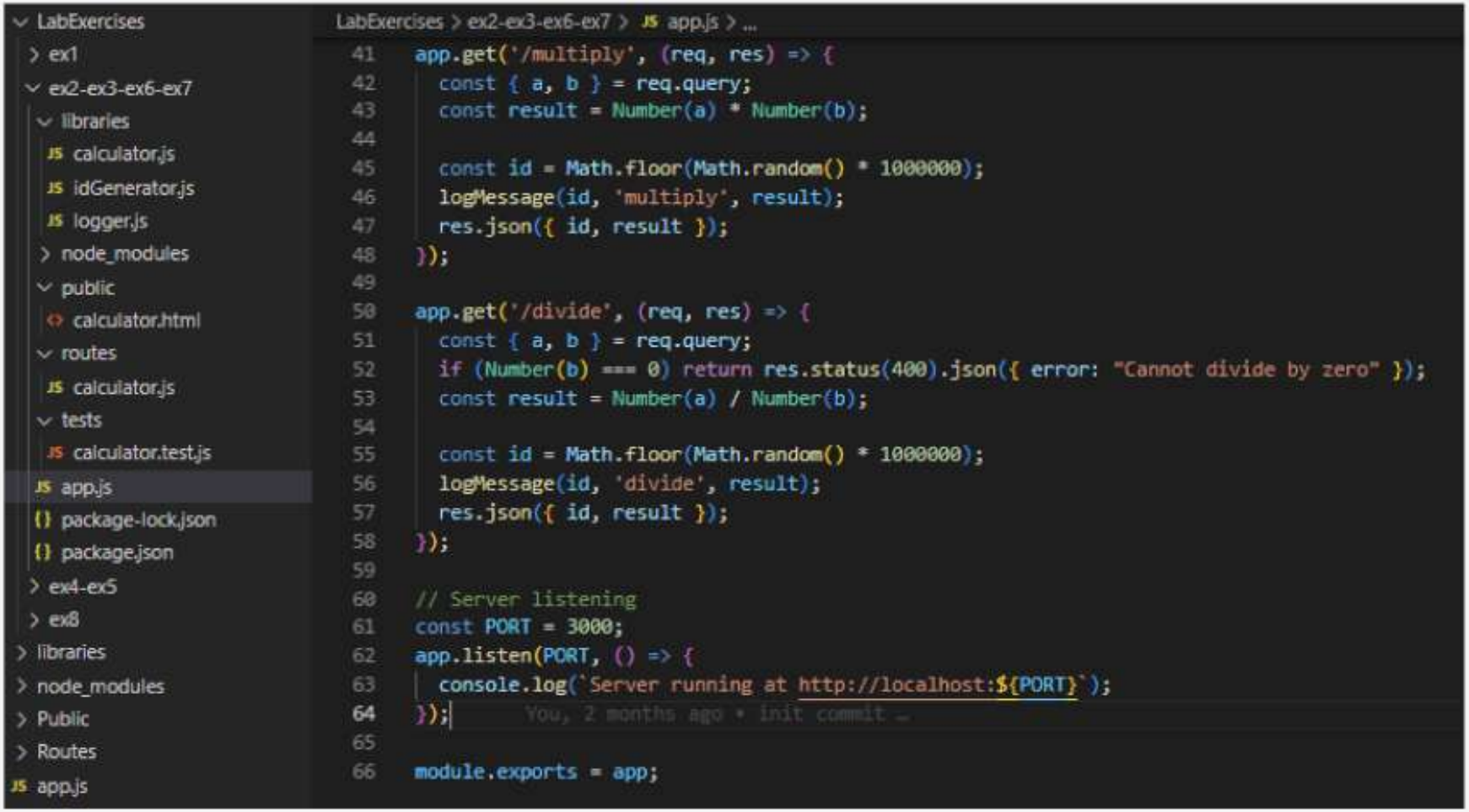
routes/calculator.js

- Connects user input to the logic and sends back the response.
- Handles inputs and invokes the model.
- It should handle incoming requests and call model.

App

(Server Setup & Route Definition)

app.js



- This is the entry point, connects everything and starts the server.
- It should import controller and serve frontend properly.