Through this lesson and practice, I have a better understanding of how a Node.js server works. Node.js is a server-side JavaScript runtime environment that allows us to build web servers without the need for other complex software. I learned how to use the http module to create a simple server, choose a port (like 3000 or 8000), and send a response to the browser when a user accesses the localhost address. I also learned how to run a server using the node server.js command in the terminal and how to handle common errors like "port already in use" when a port is occupied.

Through this process, I learned that Node.js operates on a non-blocking I/O model, meaning it can handle multiple requests at once without slowing down. The lesson helped me better understand the role of the backend in receiving and responding to data, as well as how the frontend and server connect. After completing this, I felt more confident in creating and running a basic web server using Node.js.