**TRƯỜNG ĐẠI HỌC CẦN THƠ**

**TRƯỜNG CÔNG NGHỆ THÔNG TIN & TRUYỀN THÔNG**



**BÁO CÁO PHÁT TRIỂN ỨNG DỤNG WEB**

**Đề tài:**

**THỰC HÀNH BACKEND\_1**

**Giáo viên hướng dẫn Sinh viên thực hiện**

ThS.GVC Nguyễn Minh Trung Tên: Lê Thị Yến Thy

MSSV: B2113321

**Cần Thơ, tháng 09 năm 2024**

**MỤC LỤC**

[Bước 0: Cài đặt Node và Git 3](#_Toc177648847)

[Bước 1: Tạo ứng dụng Node 3](#_Toc177648848)

[Bước 3: Quản lý mã nguồn dự án với Git và Github 5](#_Toc177648849)

[Bước 3: Cấu hình VS Code, Eslint và Prettier 8](#_Toc177648850)

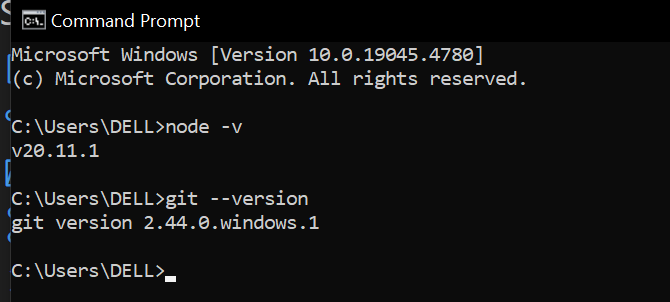
[Bước 4: Cài đặt Express 10](#_Toc177648851)

[Bước 5: Định nghĩa Controller và các route 16](#_Toc177648852)

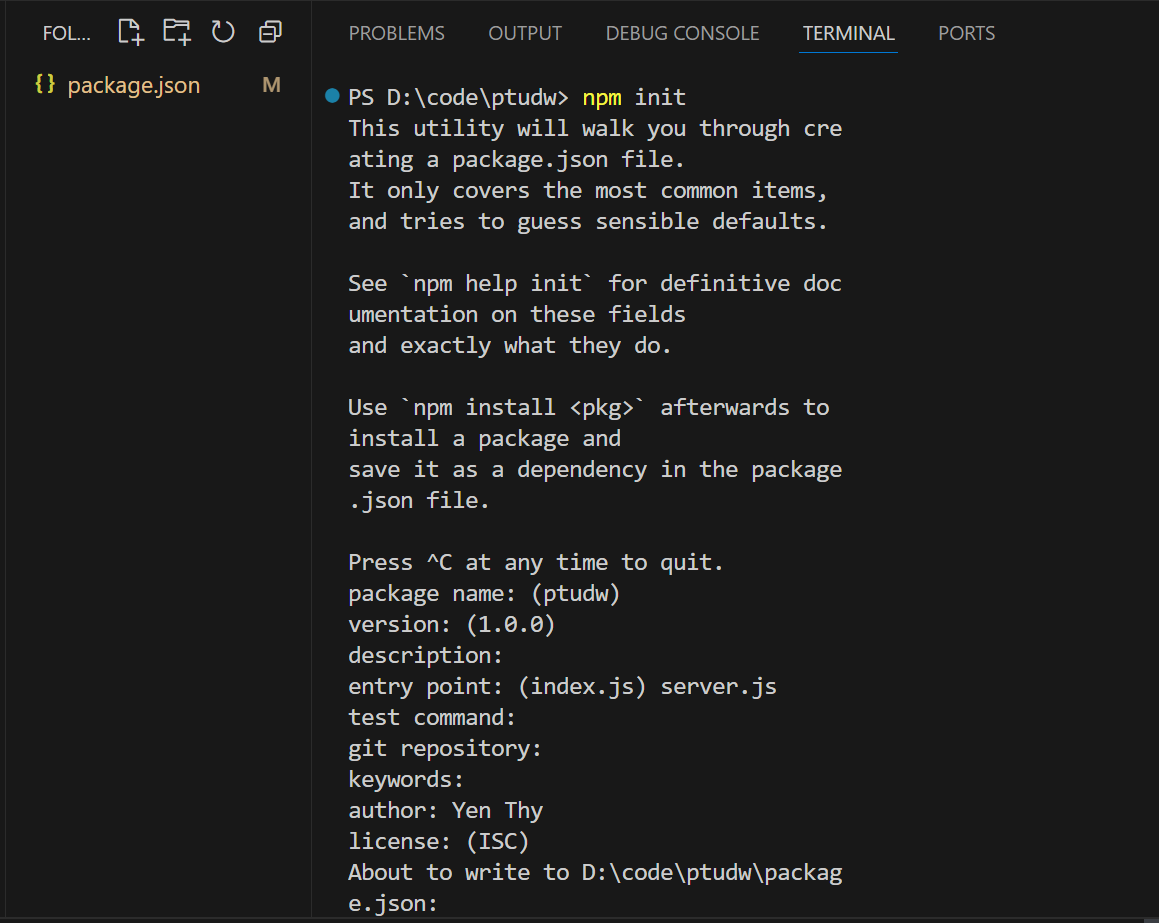
[Bước 6: Cài đặt xử lý lỗi 19](#_Toc177648853)

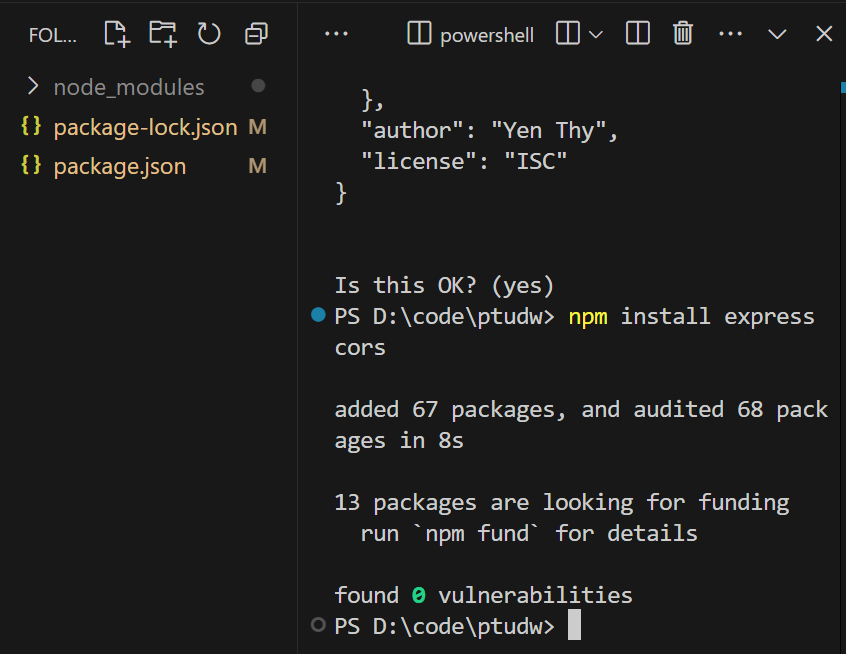
[Link BACKEND\_1: 20](#_Toc177648854)

# Bước 0: Cài đặt Node và Git

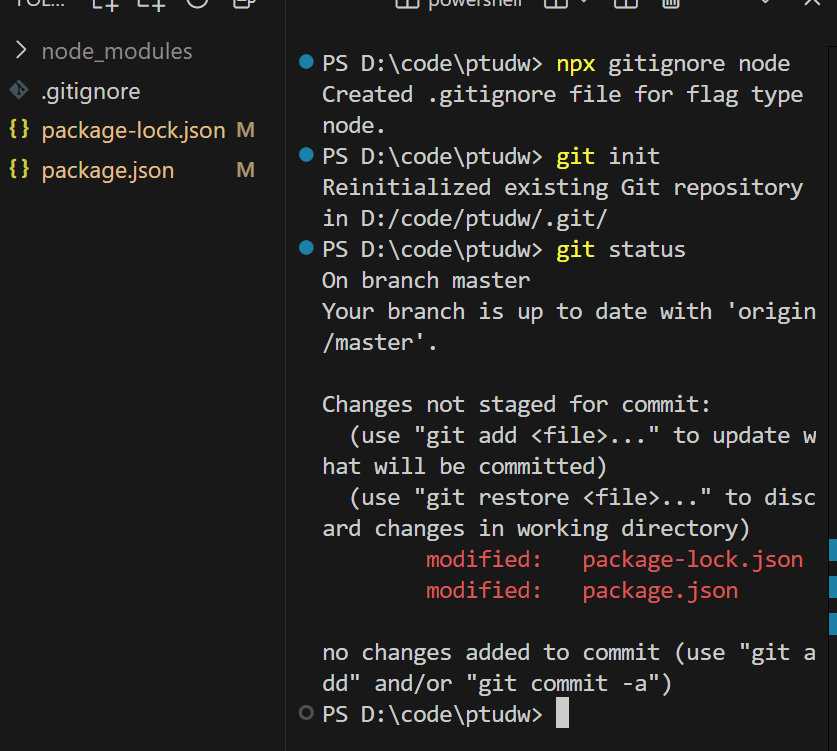
****

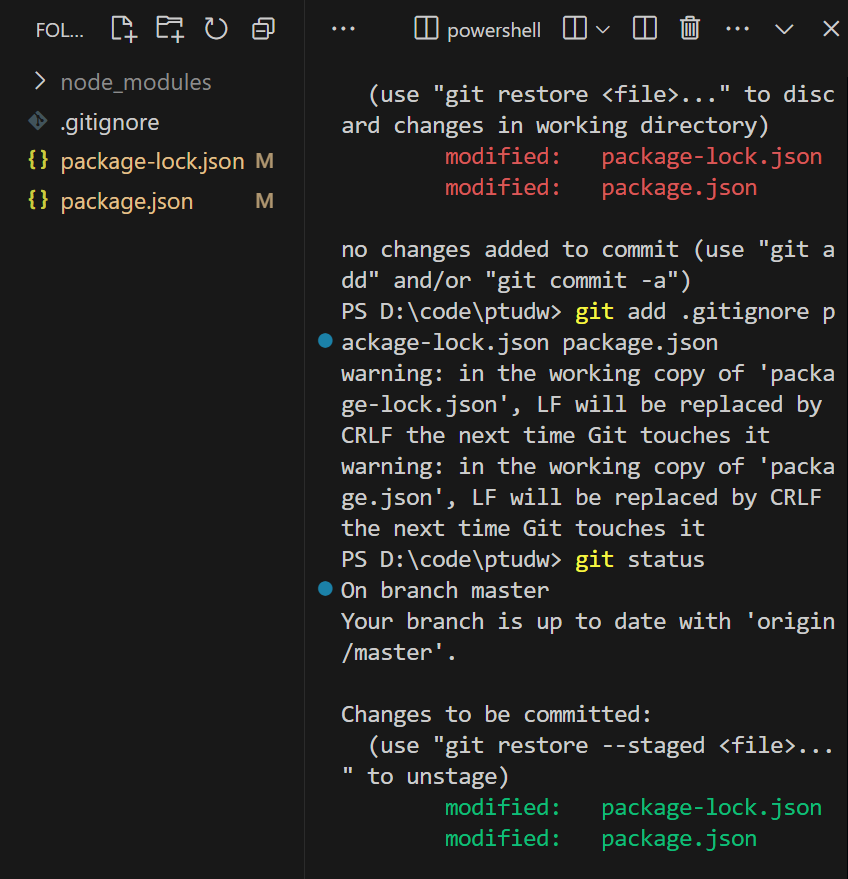
# Bước 1: Tạo ứng dụng Node

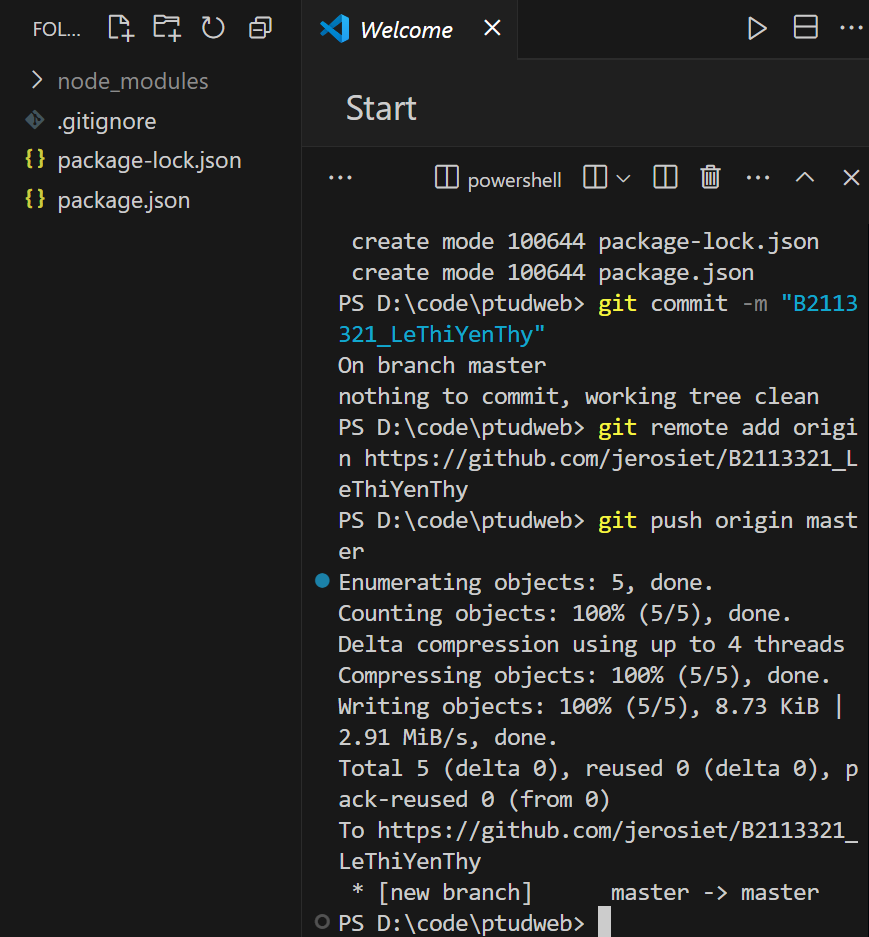
****

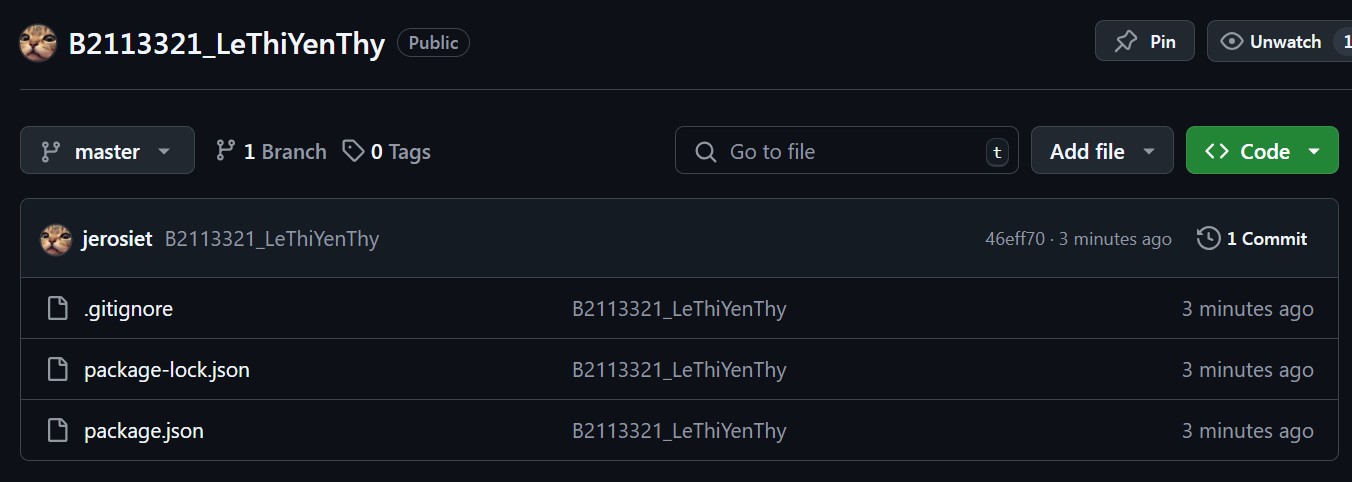
****

# Bước 3: Quản lý mã nguồn dự án với Git và Github

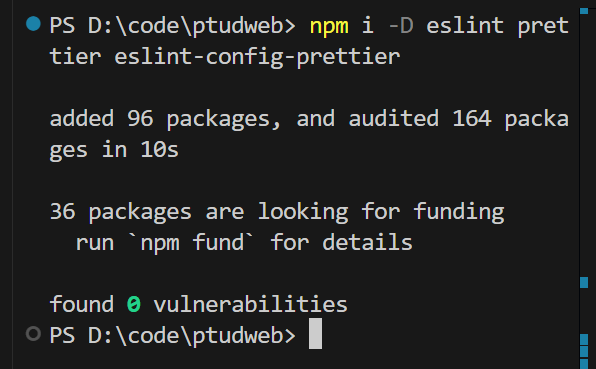
****

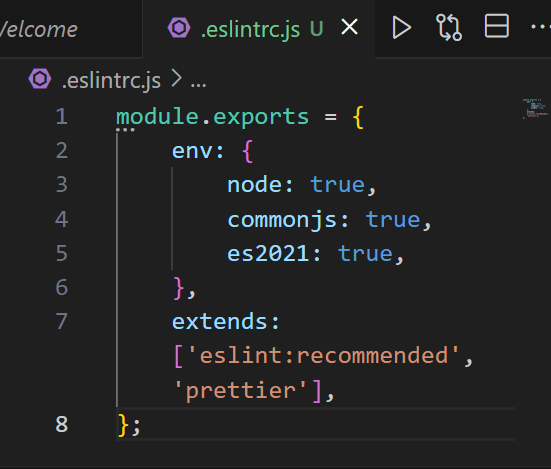
****

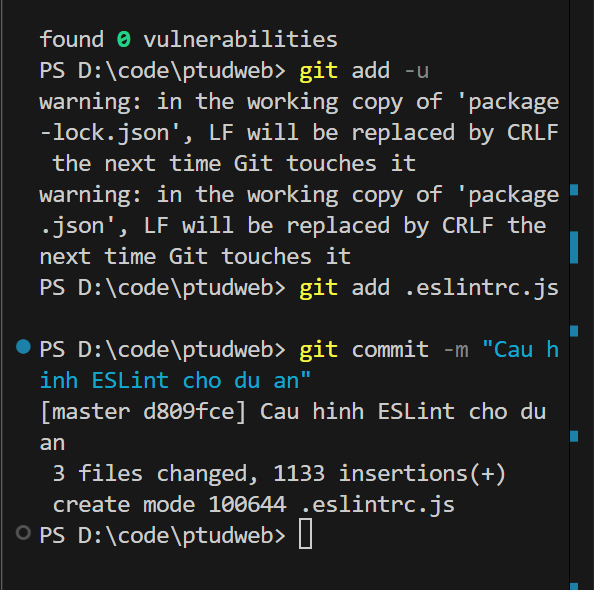
****

****

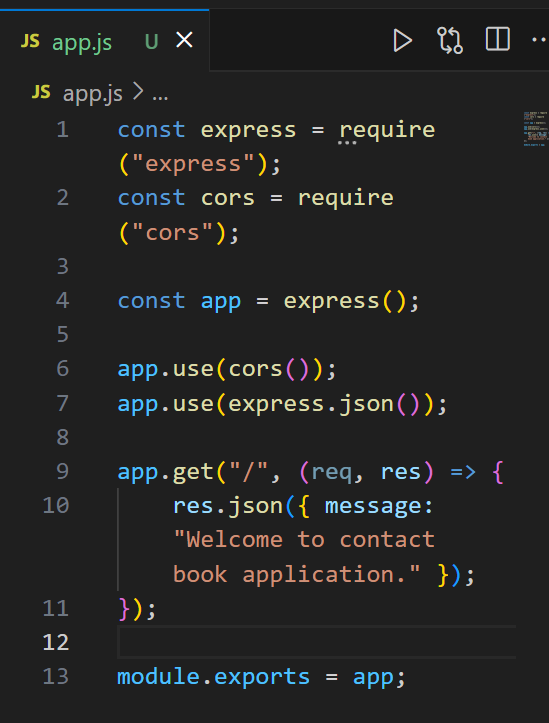
# Bước 3: Cấu hình VS Code, Eslint và Prettier

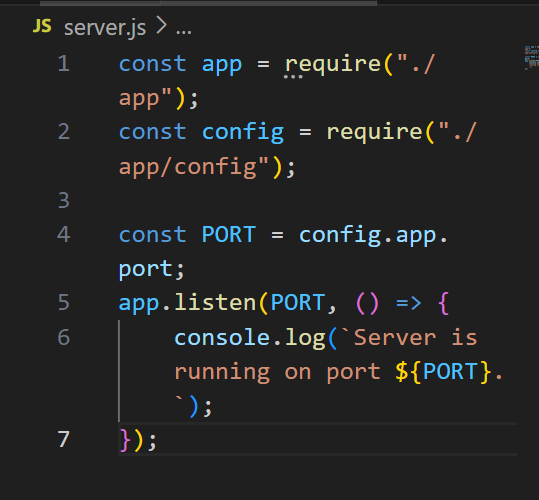
****

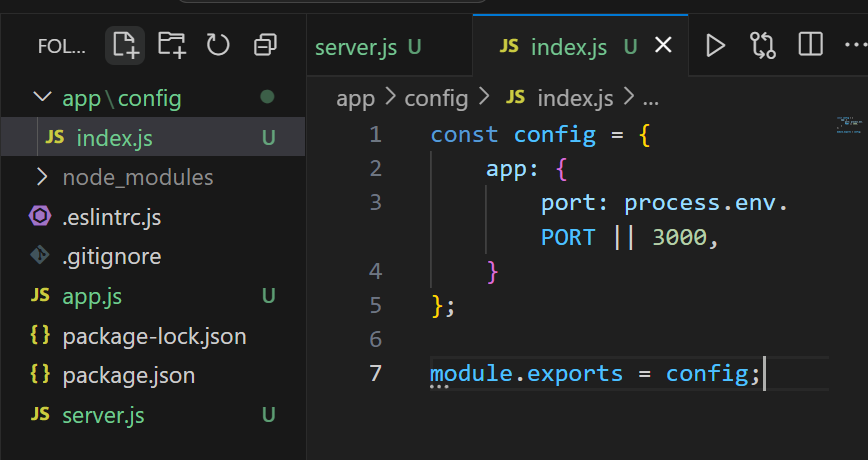
****

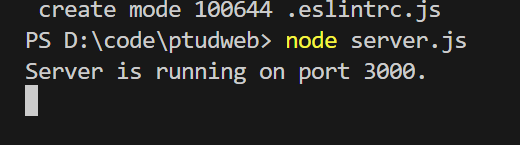
****

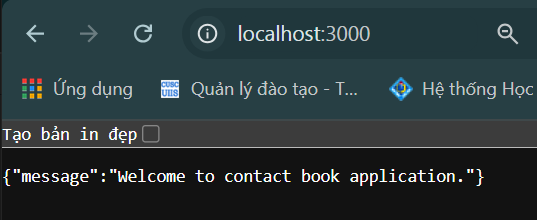
# Bước 4: Cài đặt Express

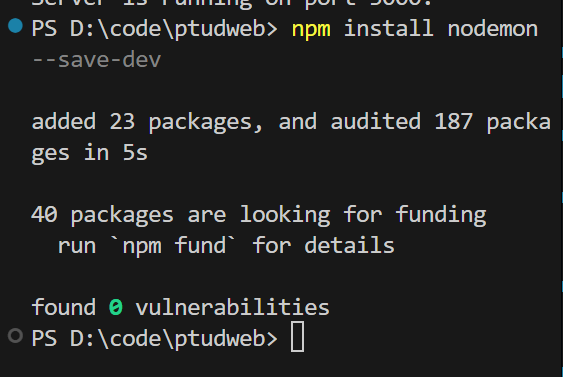
****

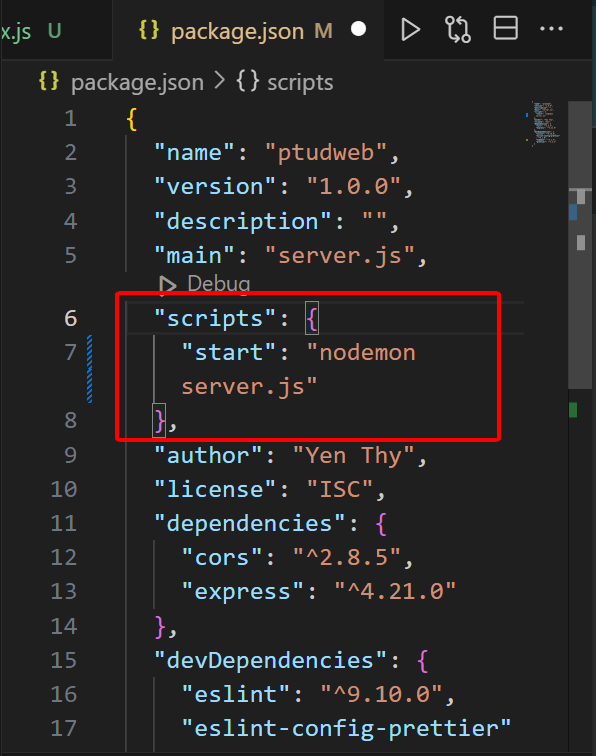
****

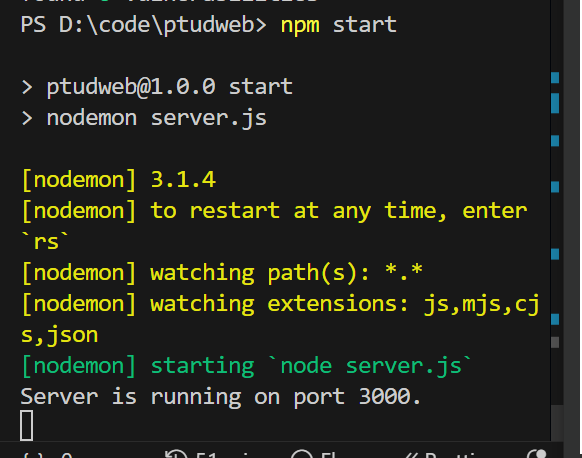
****

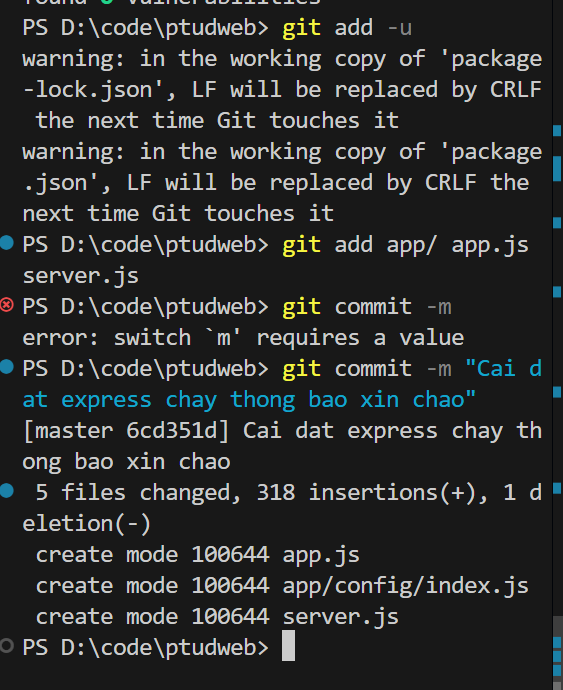
****

****

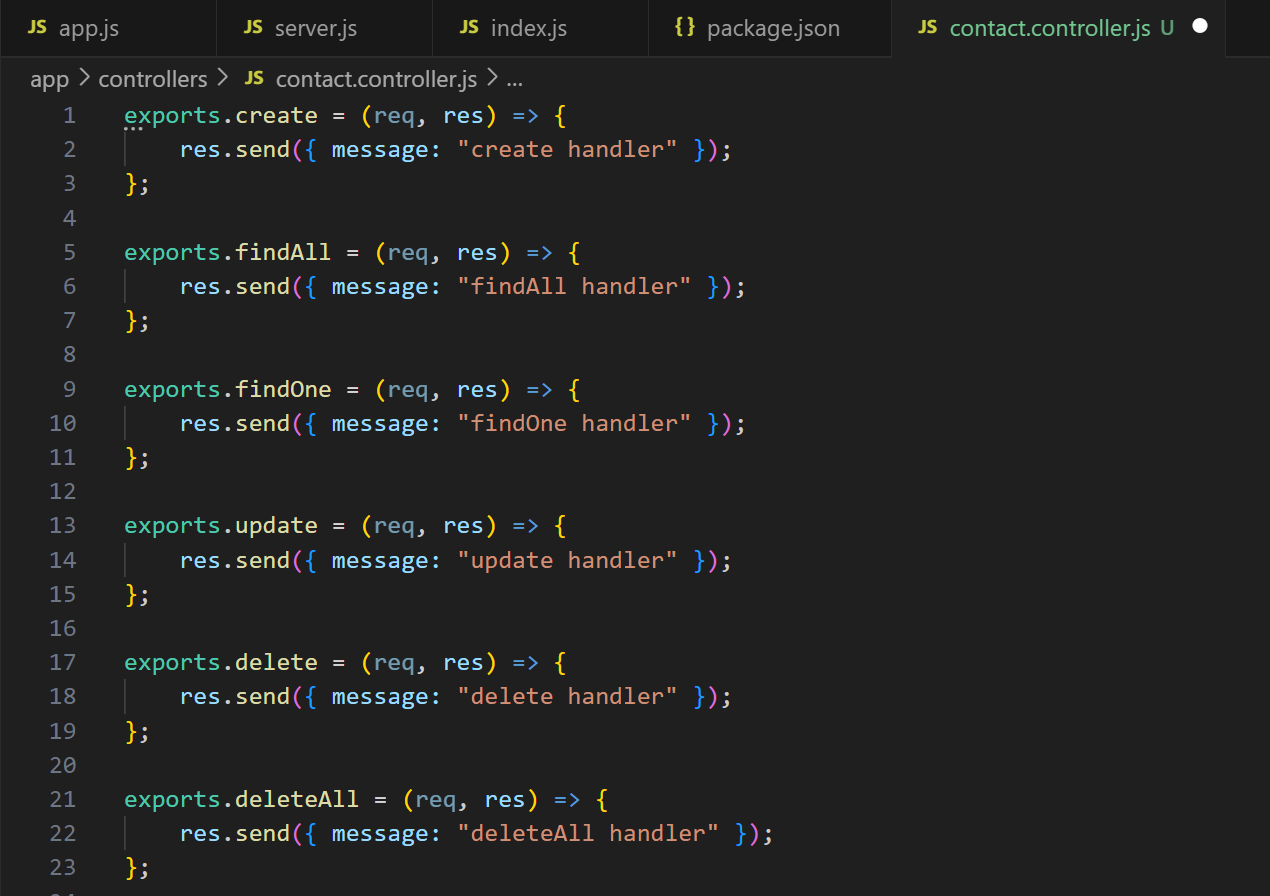
****

****

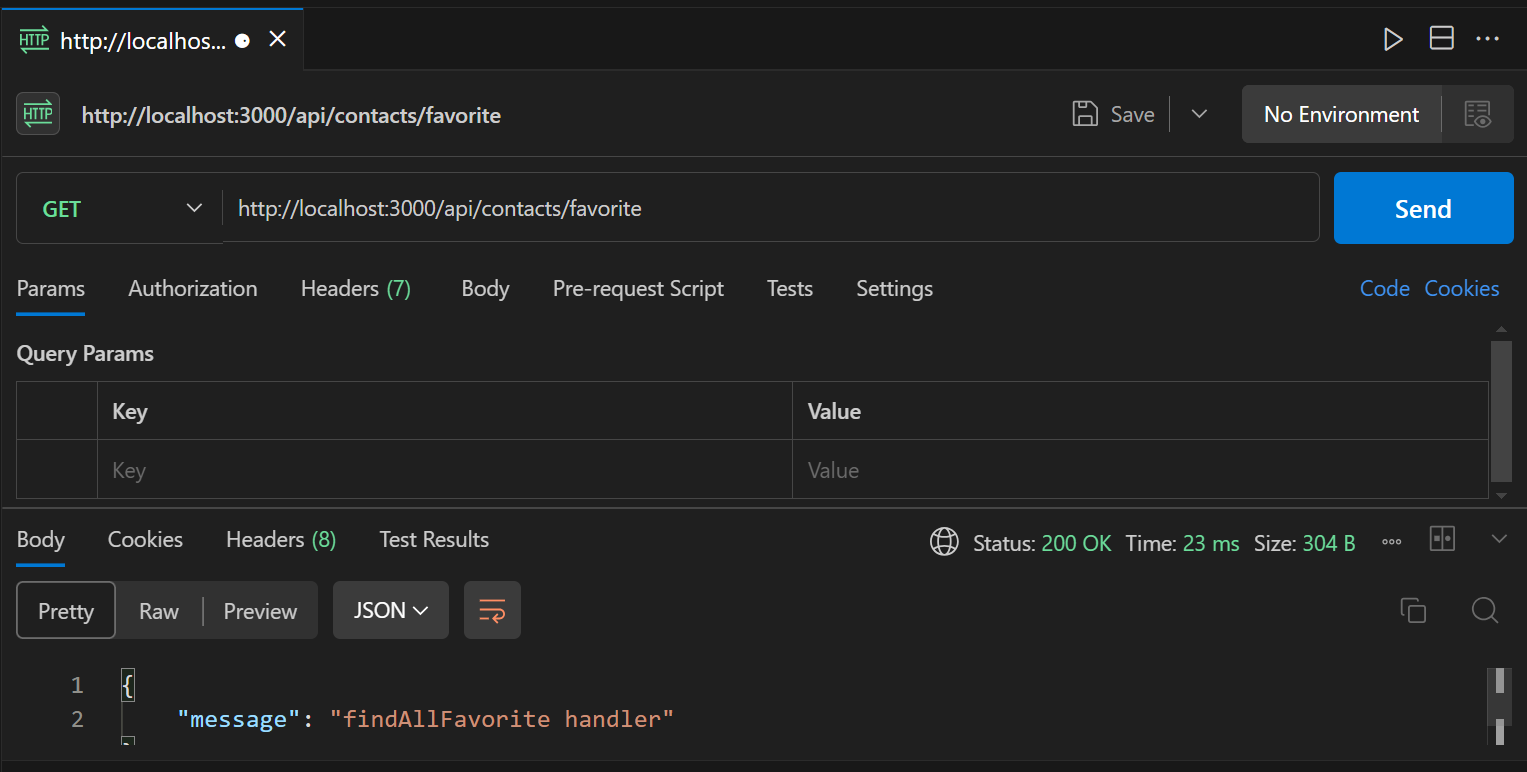
****

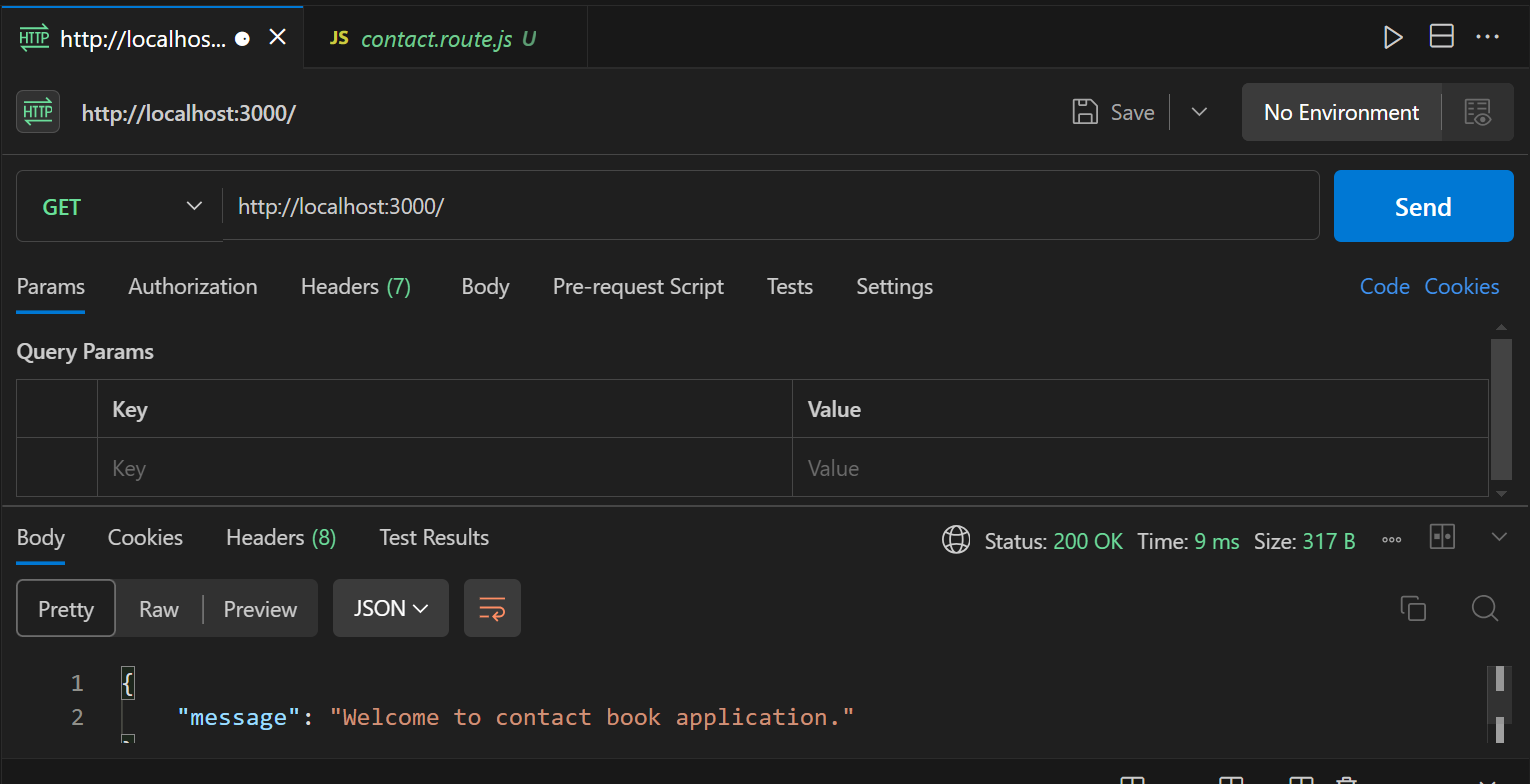
****

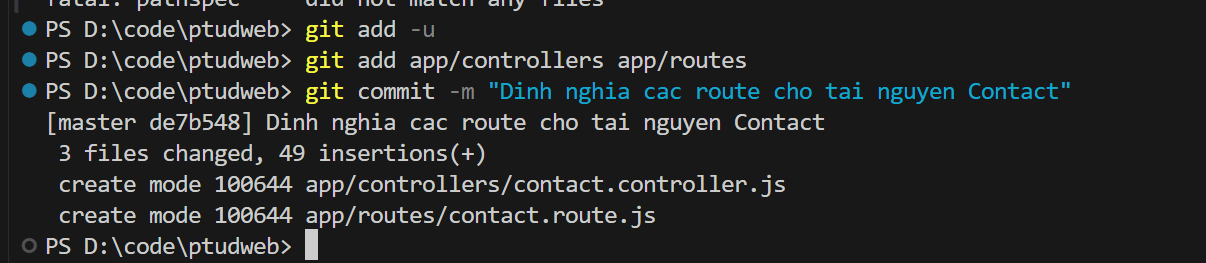
# Bước 5: Định nghĩa Controller và các route

****

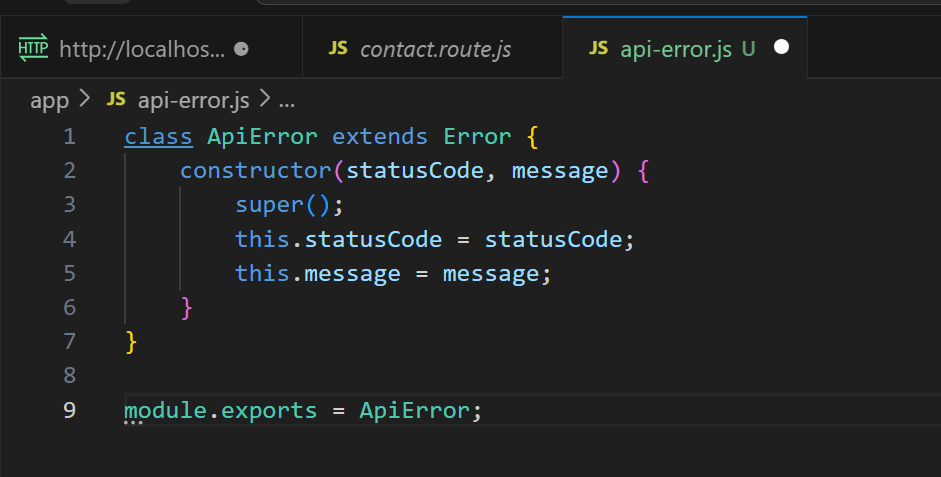
****

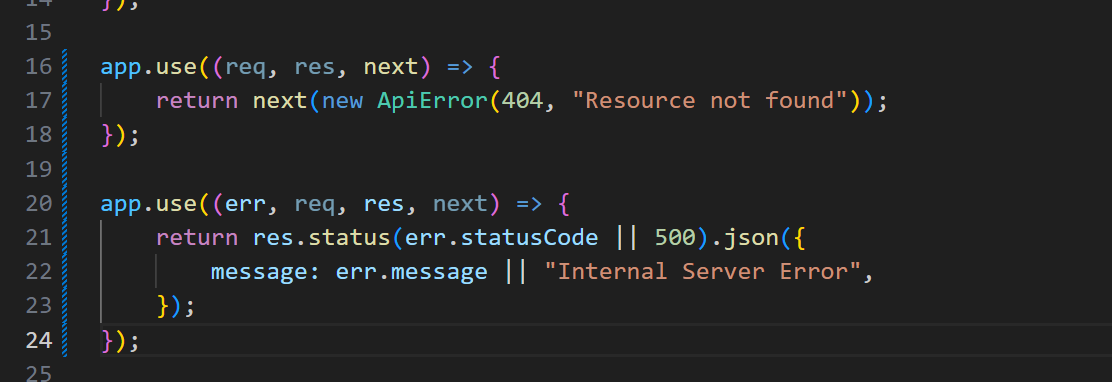
****

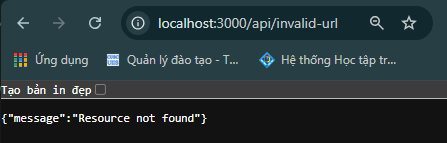
****

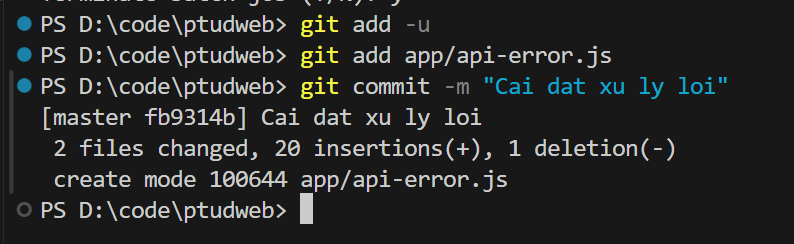
****

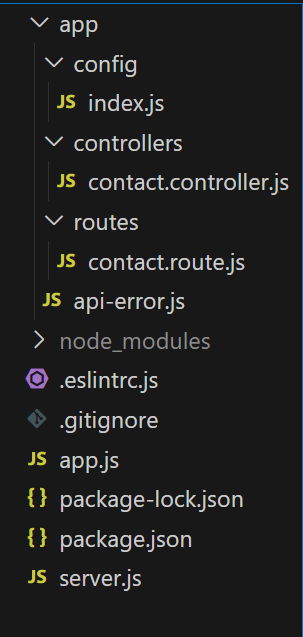
# Bước 6: Cài đặt xử lý lỗi

****

****

****

****

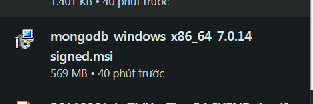
****

# Link BACKEND\_1:

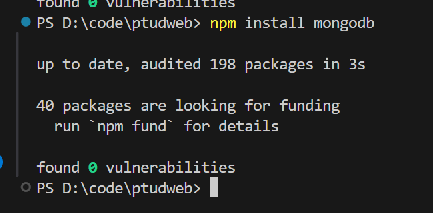
<https://github.com/jerosiet/B2113321_LeThiYenThy>

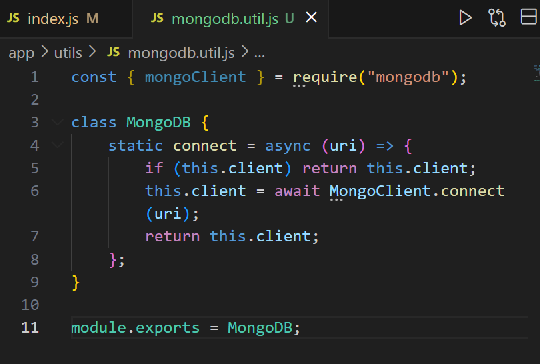
# **BACKEND\_2**

# Bước 0: Cài đặt MongoDB



# Bước 1: Cài đặt thư viện MongoDB, định nghĩa hàm trợ giúp kết nối và lớp dịch vụ truy xuất cơ sở dữ liệu (CSDL)

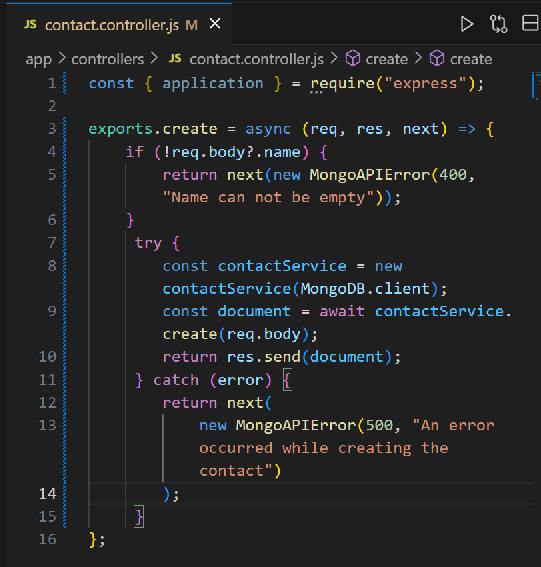


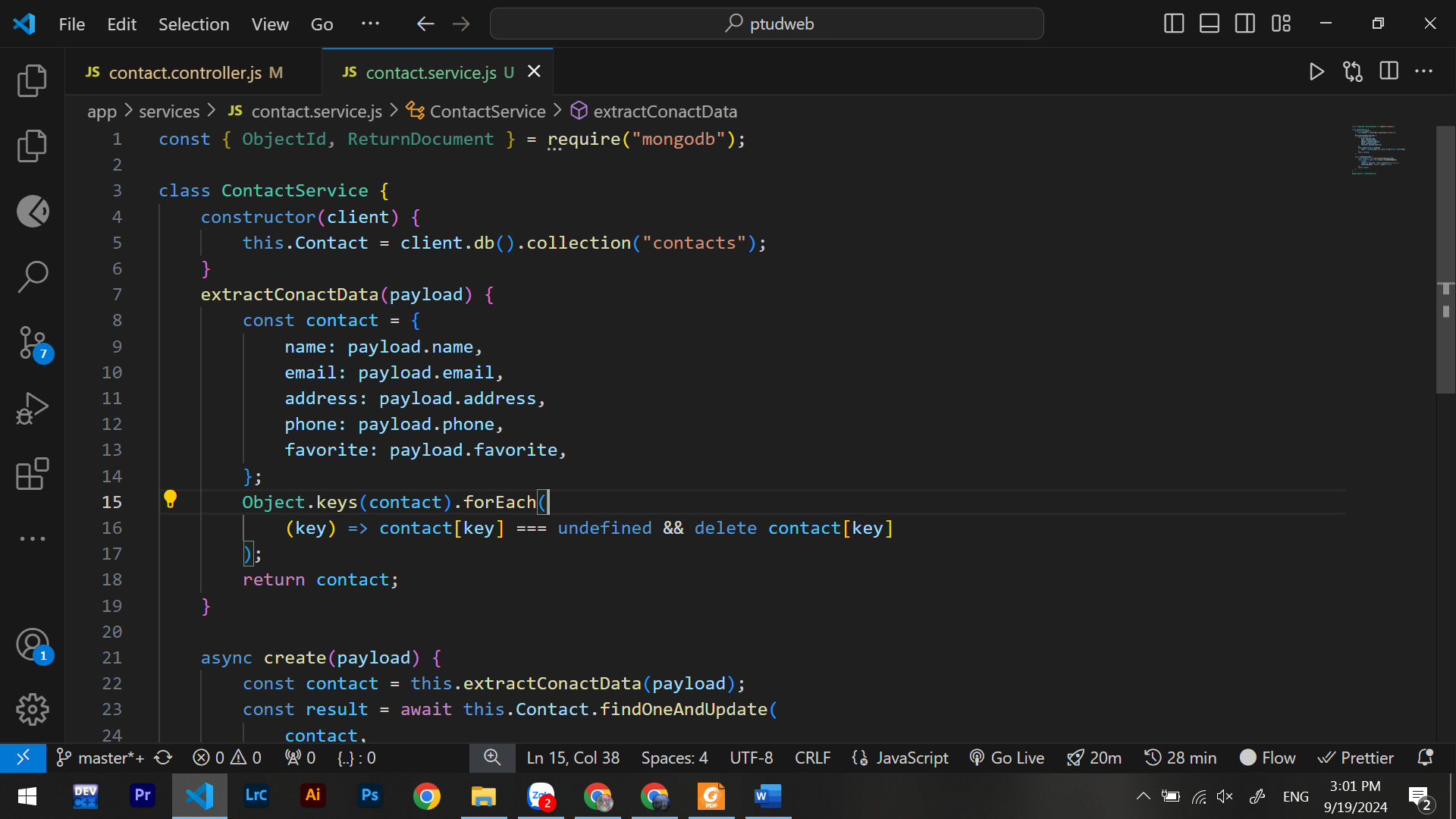


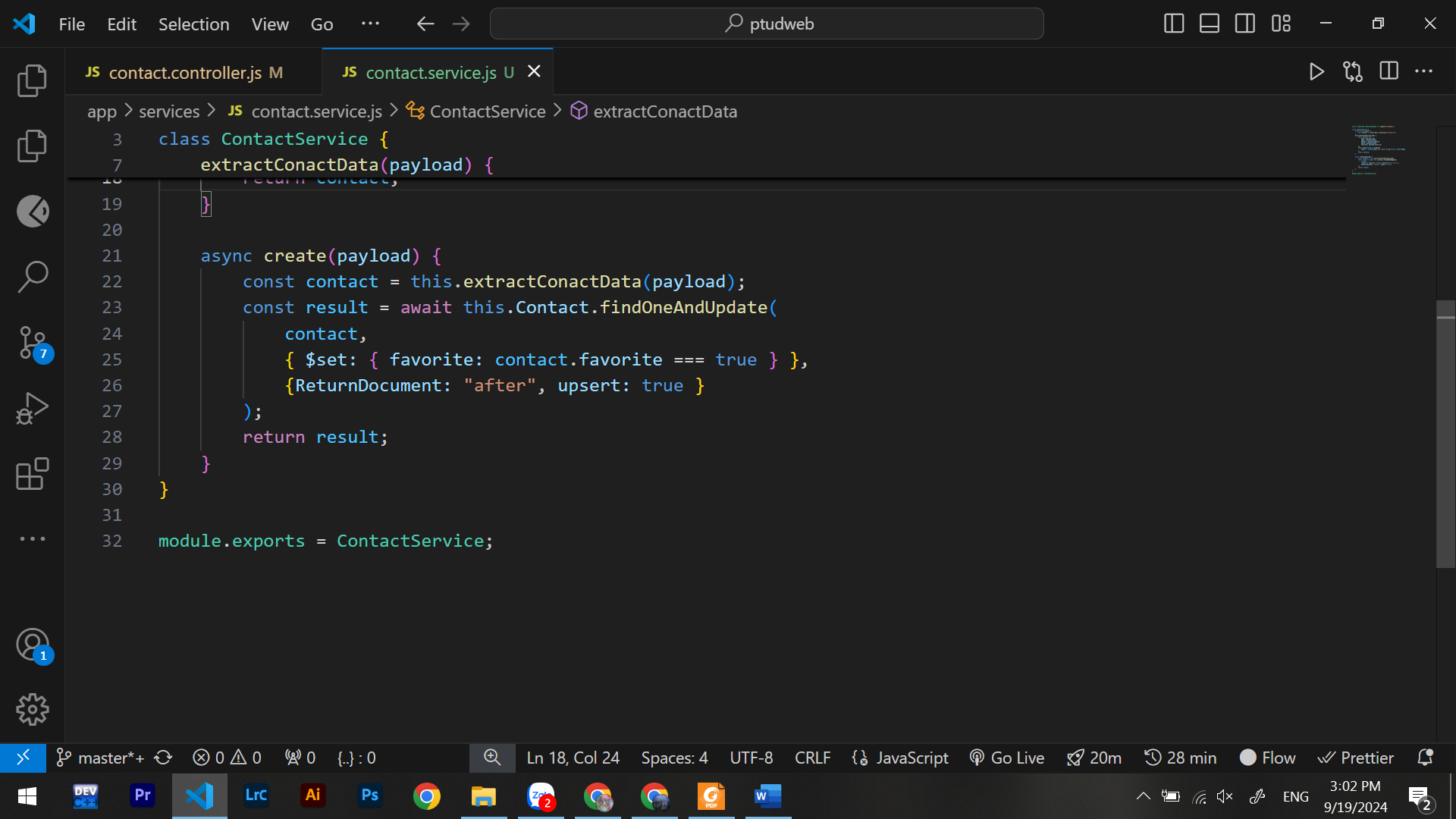


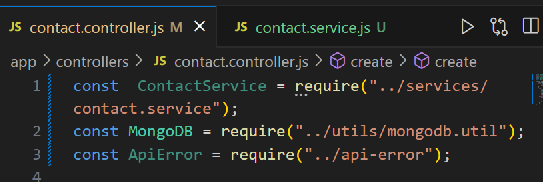


# Bước 2: Cài đặt các Handler

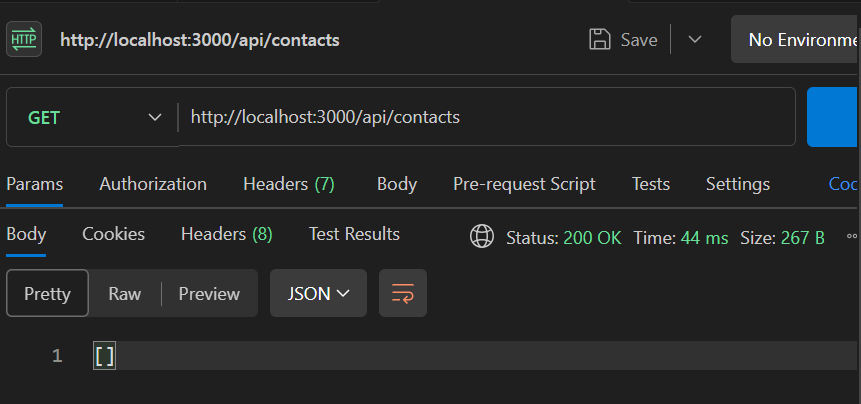


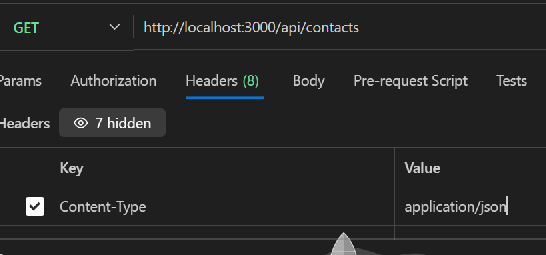


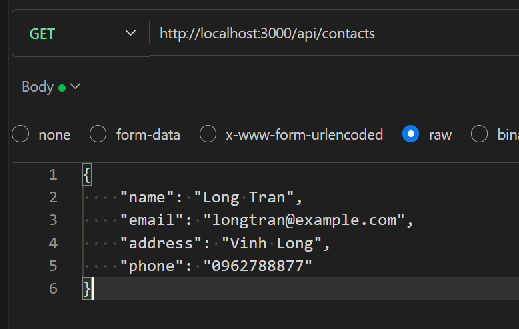


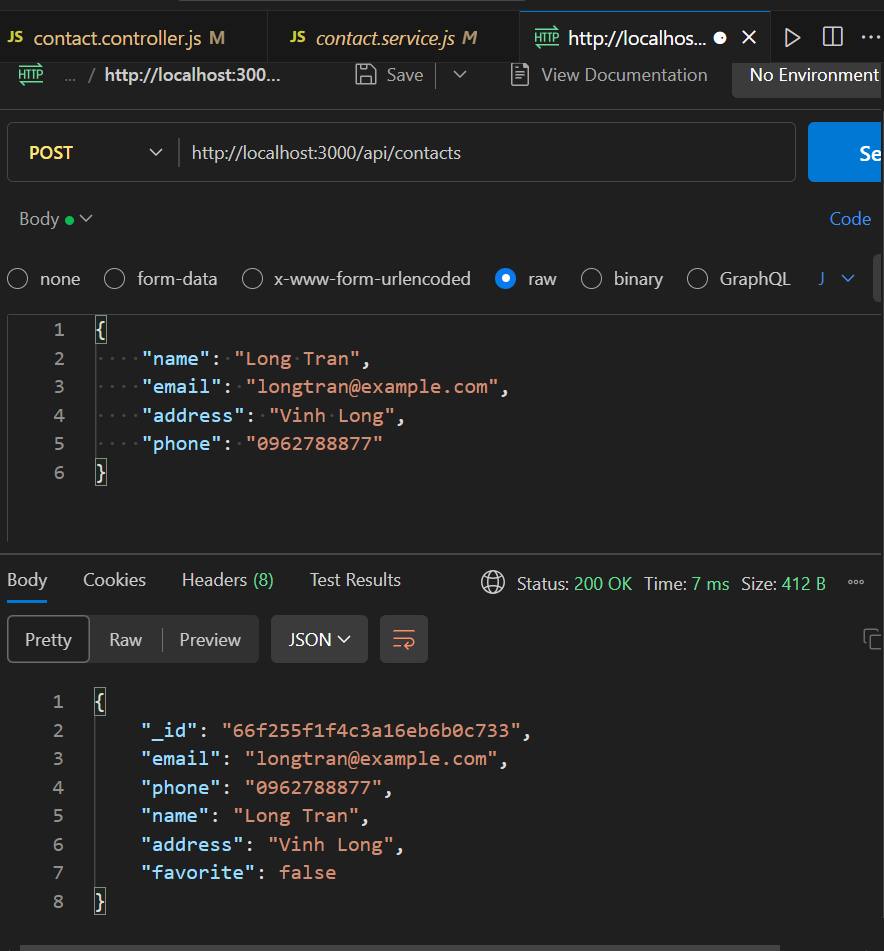


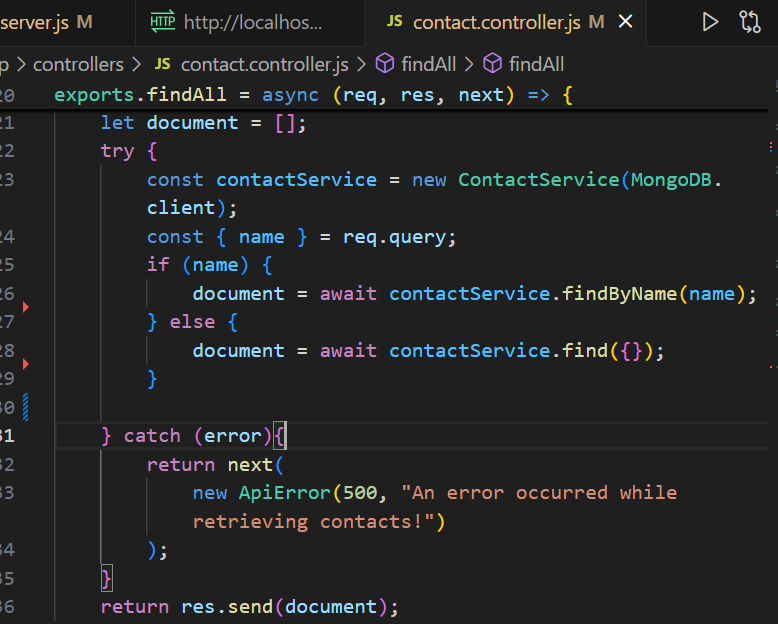
Kiểm tra hoạt động

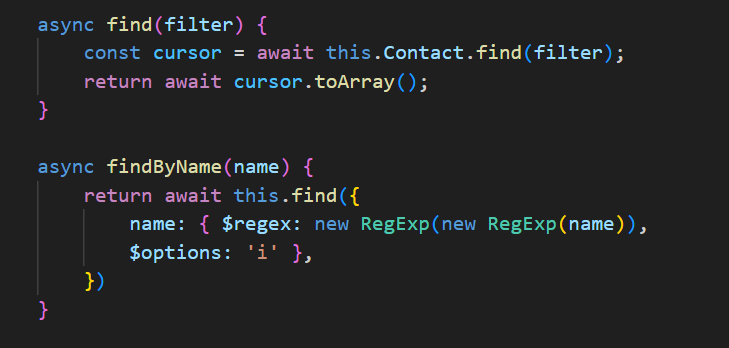


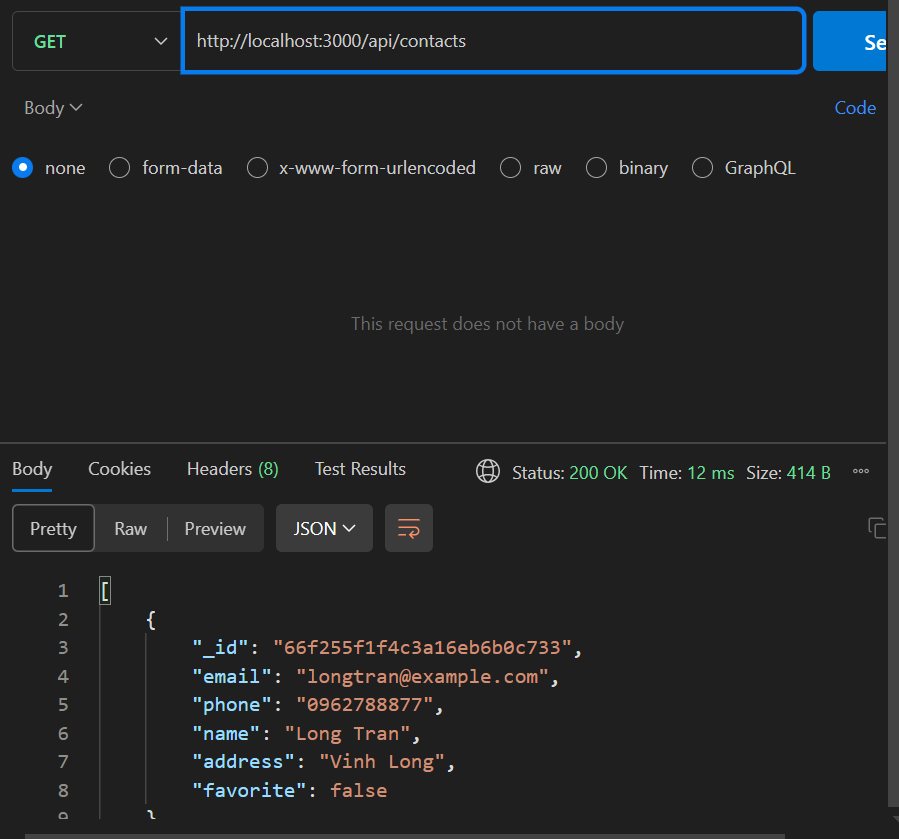




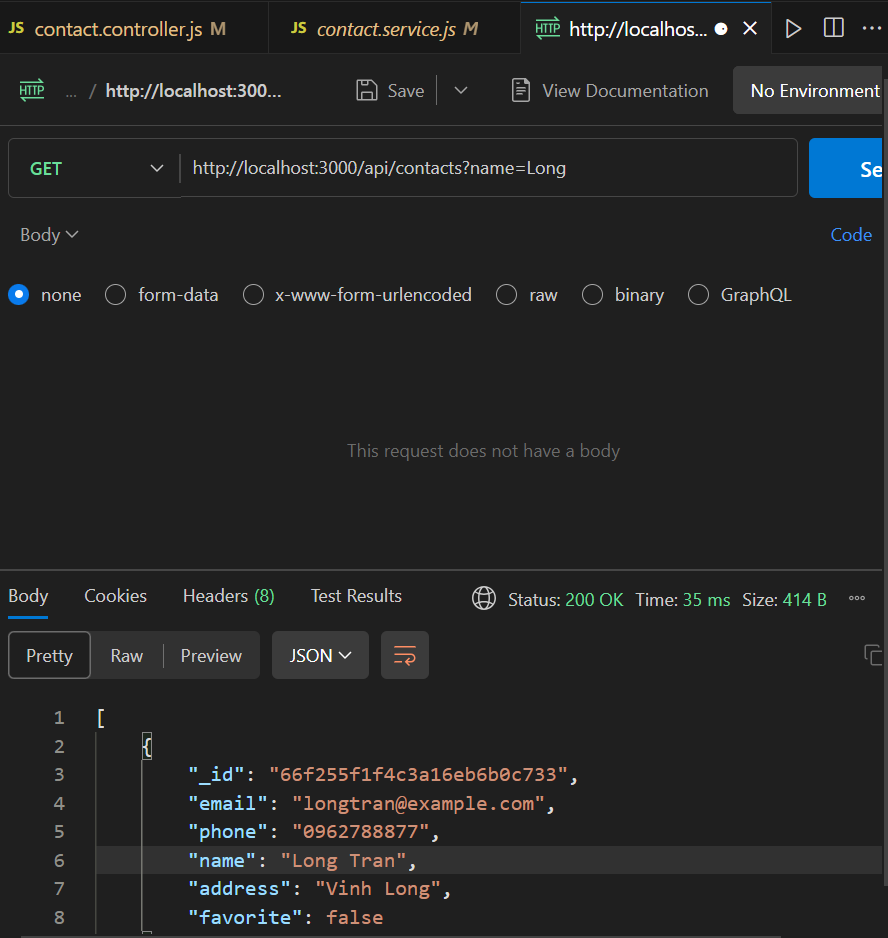


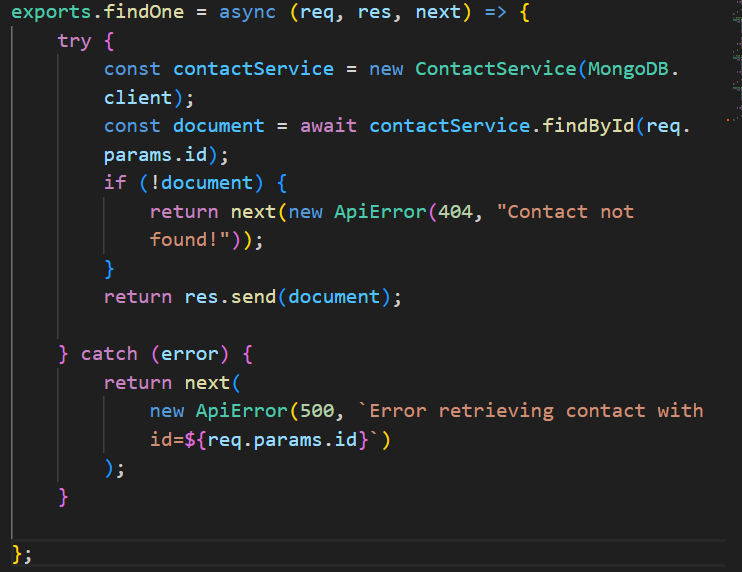


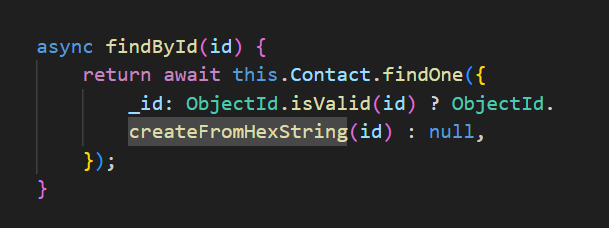




Kiểm tra hàm tìm kiếm tên Long







Kiểm tra hàm findById

