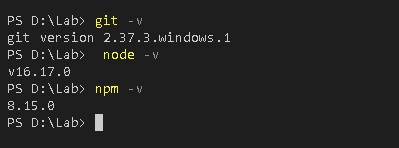
Name: Nguyen Trung Tam

Code: B1910697

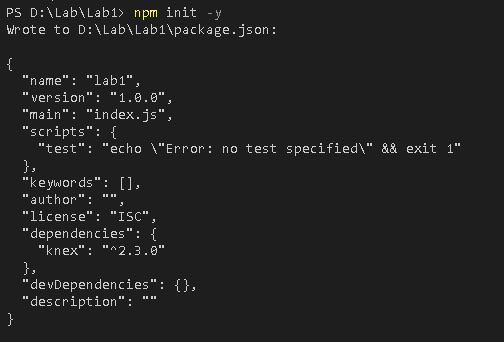
Course: CT313H – M02

# REPORT LAB

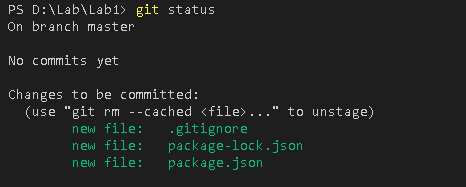
## Step 0: Install node and git



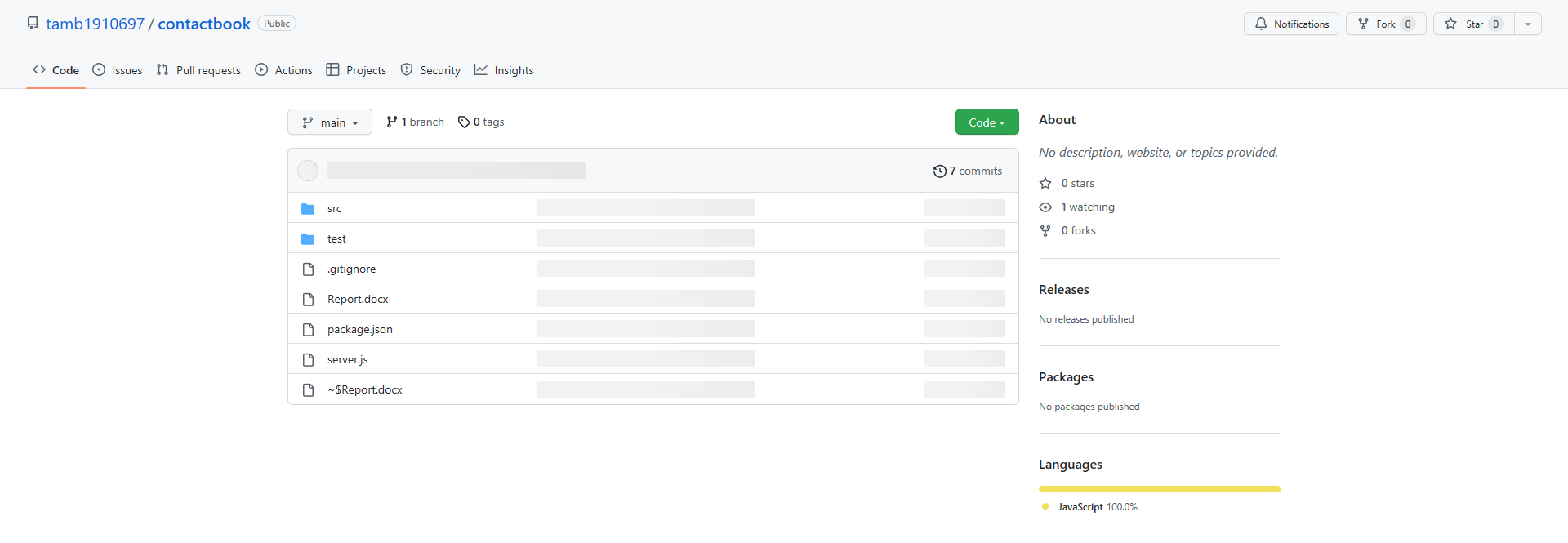
## Step 1: Setup project



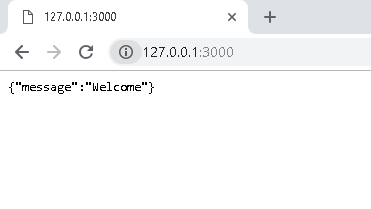
## Step 2: Manage source code with git and github



Verify code published



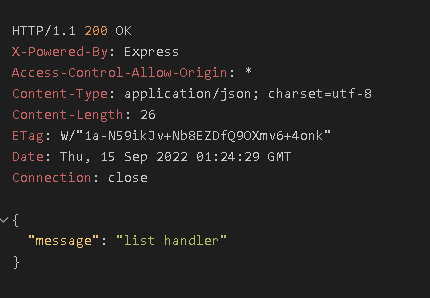
## Step 3: Install express



## Step 4: Define controller and routes

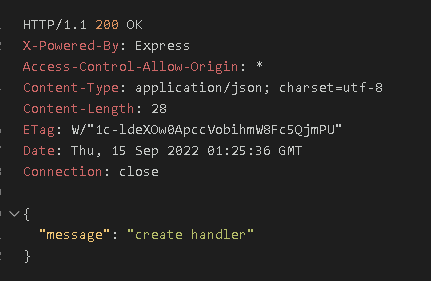
# Test contacts list

GET http://localhost:3000/api/contacts HTTP/1.1



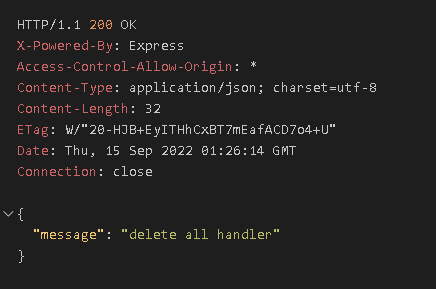
# Test contacts create

POST [http://localhost:3000/api/contacts HTTP/1.1](http://localhost:3000/api/contacts%20HTTP/1.1)



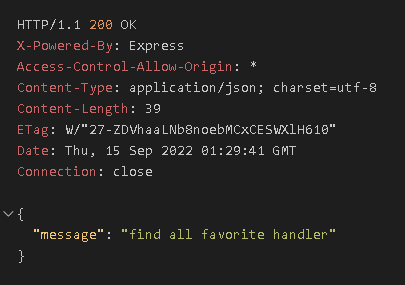
# Test contacts delete all

DELETE [http://localhost:3000/api/contacts HTTP/1.1](http://localhost:3000/api/contacts%20HTTP/1.1)



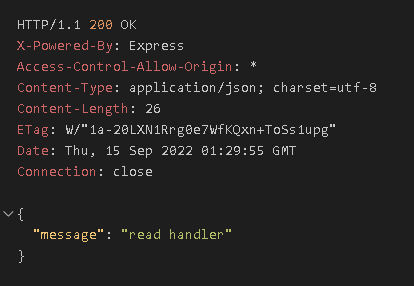
# Test contacts favorite

GET [http://localhost:3000/api/contacts/favorite HTTP/1.1](http://localhost:3000/api/contacts/favorite%20HTTP/1.1)



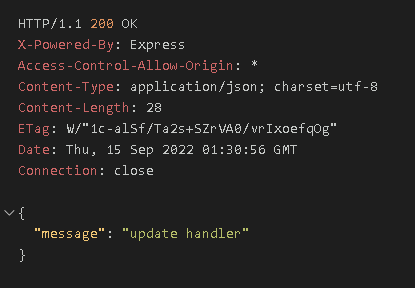
# Test contacts read

GET http://localhost:3000/api/contacts/1 HTTP/1.1



# Test contacts update

PUT http://localhost:3000/api/contacts/1 HTTP/1.1



# Test contacts delete

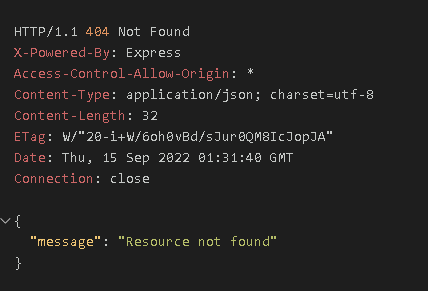
DELETE [http://localhost:3000/api/contacts/1 HTTP/1.1](http://localhost:3000/api/contacts/1%20HTTP/1.1)



## Step 5: Implement error handling

# Test contacts not found 404

GET [http://localhost:3000/api/unknown HTTP/1](http://localhost:3000/api/unknown%20HTTP/1).1



Github: <https://github.com/tamb1910697/contactbook>

# Test create contact with json

POST http://localhost:3000/api/contacts HTTP/1.1

Content-Type: application/json

{

    "name": "Long Tran",

    "email": "longtran@gmail.com",

    "address": "Vinh Long",

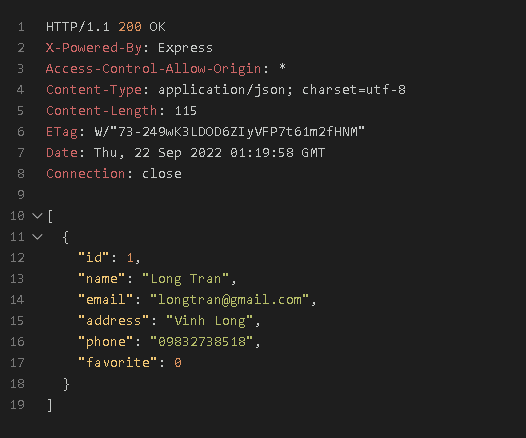
    "phone": "09832738518"

}



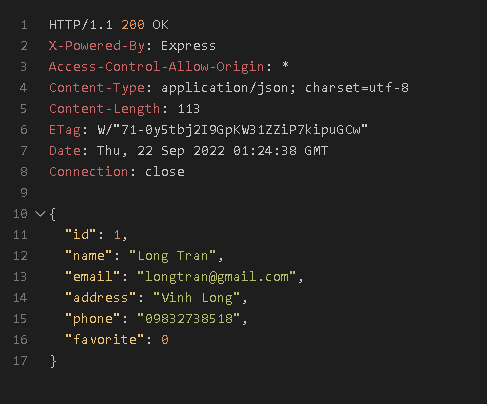
# Test contacts list

GET http://localhost:3000/api/contacts HTTP/1.1



# Test contacts read

GET http://localhost:3000/api/contacts/1 HTTP/1.1



###

# Test contacts update

PUT http://localhost:3000/api/contacts/1 HTTP/1.1

Content-Type: application/json

{

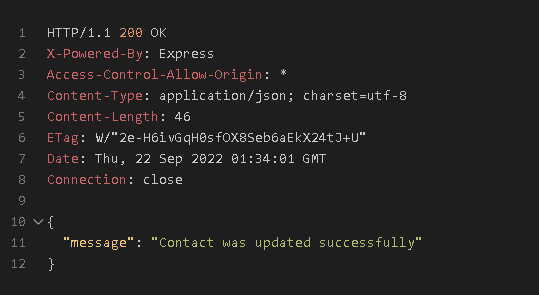
    "name": "Nguyen Long Tran",

    "email": "longtran@gmail.com",

    "address": "Vinh Long",

    "phone": "0987665432"

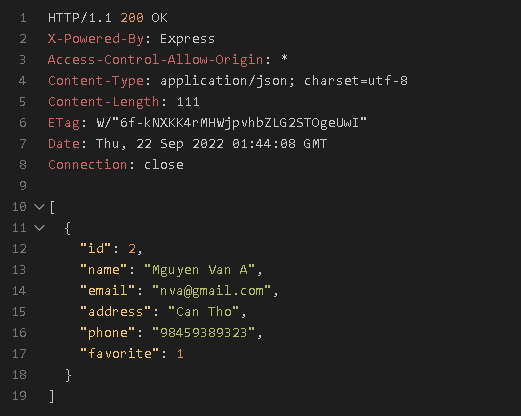
}



###

# Test contacts favorite

GET http://localhost:3000/api/contacts/favorite HTTP/1.1



###

# Test contacts delete

DELETE http://localhost:3000/api/contacts/3 HTTP/1.1



###

# Test contacts delete all

DELETE  http://localhost:3000/api/contacts HTTP/1.1

