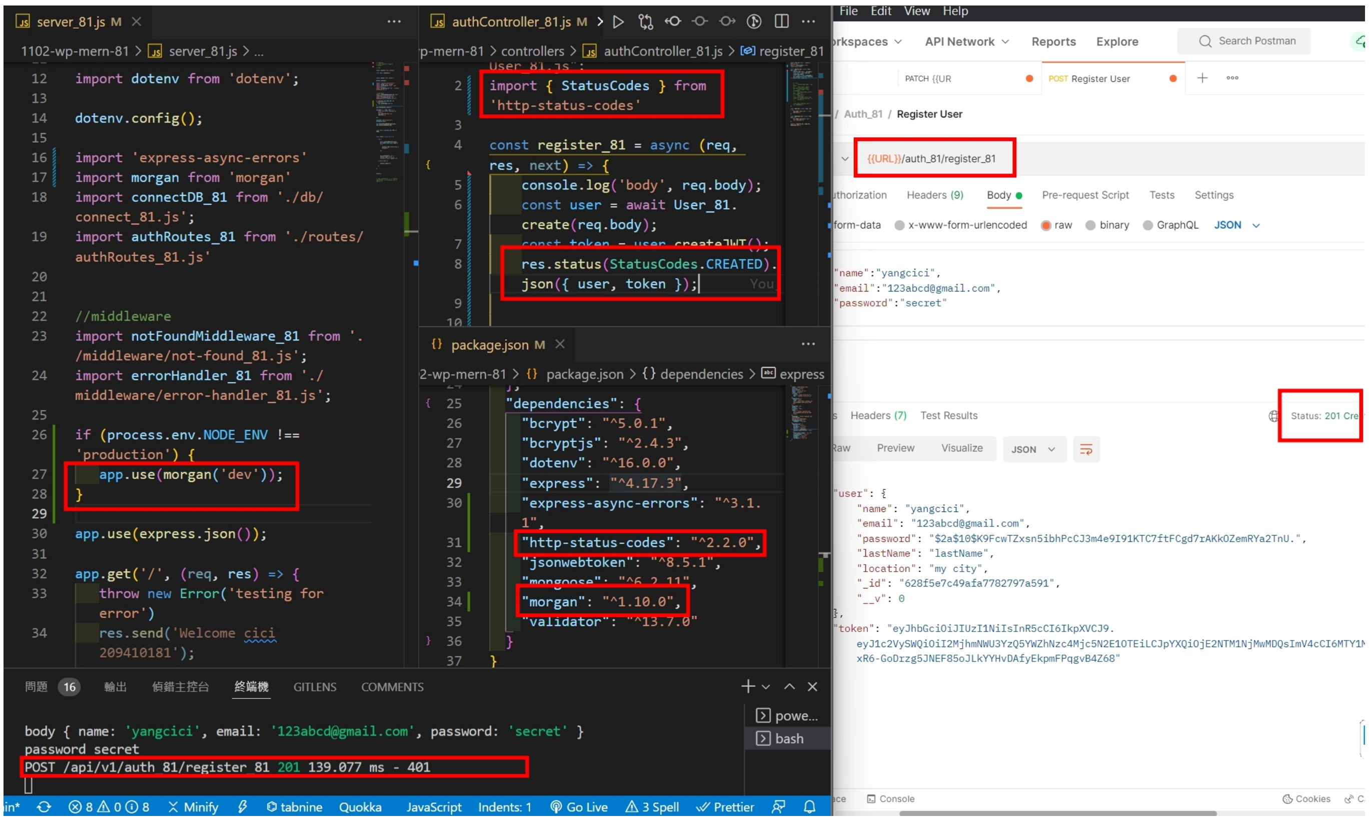
w14-p1: install package http-status-codes, morgan, test it, and show it



server_81.js

```
import dotenv from 'dotenv';

dotenv.config();

import 'express-async-errors'
import morgan from 'morgan'
import connectDB_81 from './db/connect_81.js';
import authRoutes_81 from './routes/authRoutes_81.js'


//middleware
import notFoundMiddleware_81 from './middleware/not-found_81.js';
import errorHandler_81 from './middleware/error-handler_81.js';

if (process.env.NODE_ENV !== 'production') {
  app.use(morgan('dev'));
}

app.use(express.json());

app.get('/', (req, res) => {
  throw new Error('testing for error')
  res.send('Welcome cici 209410181');
```

authController_81.js

```
import { StatusCodes } from 'http-status-codes'

const register_81 = async (req, res, next) => {
    console.log('body', req.body);
    const user = await User_81.create(req.body);
    const token = user.createJWT();
    res.status(StatusCodes.CREATED).json({ user, token });
```

package.json

```
  "dependencies": {
    "bcrypt": "^5.0.1",
    "bcryptjs": "^2.4.3",
    "dotenv": "^16.0.0",
    "express": "^4.17.3",
    "express-async-errors": "^3.1.1",
    "http-status-codes": "^2.2.0",
    "jsonwebtoken": "^8.5.1",
    "mongoose": "^6.2.11",
    "morgan": "^1.10.0",
    "validator": "^13.7.0"
  }
}
```

```
body { name: 'yangcici', email: '123abcd@gmail.com', password: 'secret' }
password secret
POST /api/v1/auth_81/register_81 201 139.077 ms - 401
```

Auth_81 / Register User

POST Register User

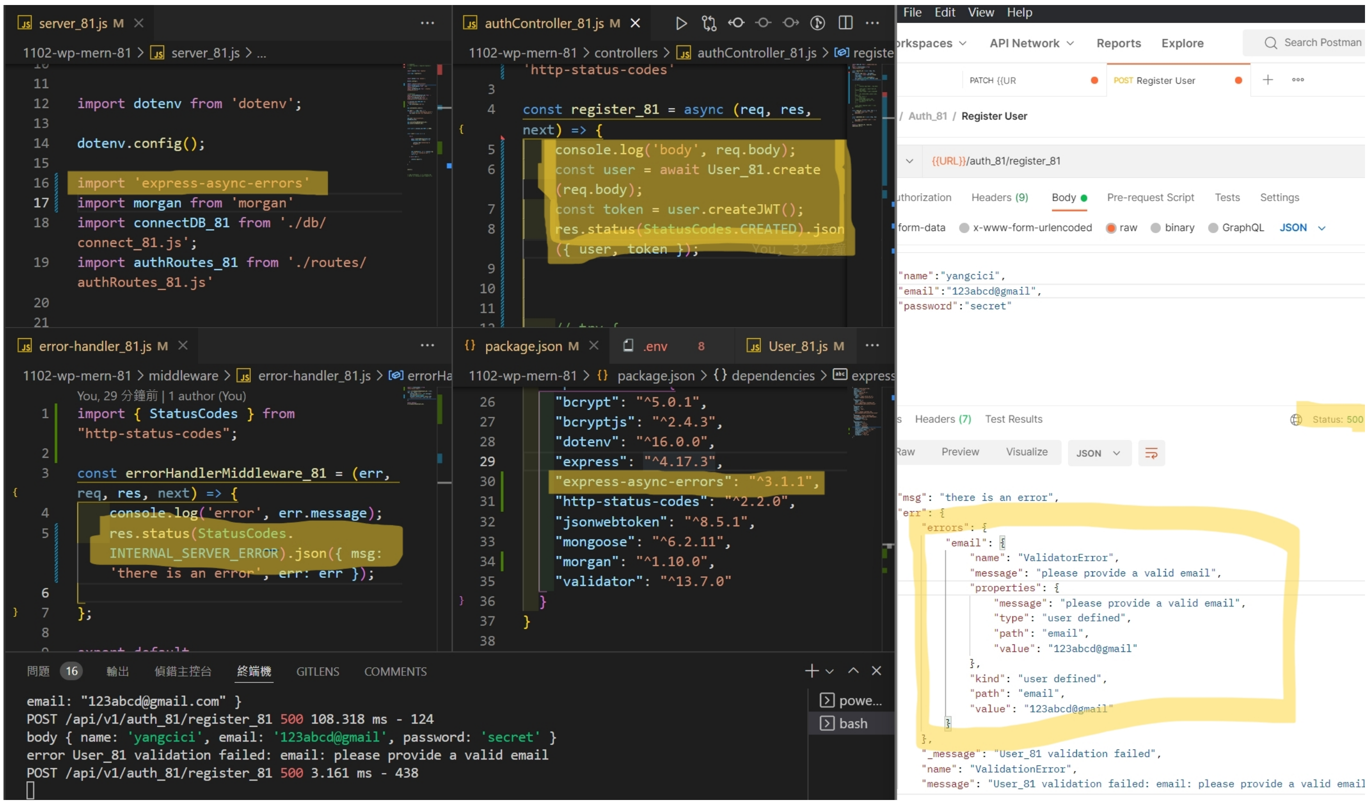
{{URL}}/auth_81/register_81

```
"name":"yangcici",
"email":"123abcd@gmail.com",
"password":"secret"
```

Status: 201 Cre

```
"user": {
    "name": "yangcici",
    "email": "123abcd@gmail.com",
    "password": "$2a$10$K9FcwTZxsn5ibhPcCJ3m4e9I91KTC7ftFCgd7rAKkOZemRYa2TnU.",
    "lastName": "lastName",
    "location": "my city",
    "_id": "628f5e7c49afa7782797a591",
    "__v": 0
},
"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
    eyJ1c2VySWQiOiI2MjhmNWU3YzQ5YWZhNzc4Mjc5N2E1OTEiLCJpYXQiOjE2NTM1NjMwMDQsImV4cCI6MTY1M
    xR6-GoDrzg5JNEF85oJLkYYHvDAfyEkpmFPqgvB4Z68"
```

w14-p2: install express-async-errors and test it



server_81.js

```
import dotenv from 'dotenv';

dotenv.config();

import 'express-async-errors'
import morgan from 'morgan'
import connectDB_81 from './db/connect_81.js';
import authRoutes_81 from './routes/authRoutes_81.js'
```

error-handler_81.js

```
import { StatusCodes } from "http-status-codes";

const errorHandlerMiddleware_81 = (err, req, res, next) => {
    console.log('error', err.message);
    res.status(StatusCodes.INTERNAL_SERVER_ERROR).json({ msg: 'there is an error', err: err });

};
```

authController_81.js

```
  'http-status-codes'

const register_81 = async (req, res, next) => {
    console.log('body', req.body);
    const user = await User_81.create(req.body);
    const token = user.createJWT();
    res.status(StatusCodes.CREATED).json({ user, token });
```

package.json

```
    "bcrypt": "^5.0.1",
    "bcryptjs": "^2.4.3",
    "dotenv": "^16.0.0",
    "express": "^4.17.3",
    "express-async-errors": "^3.1.1",
    "http-status-codes": "^2.2.0",
    "jsonwebtoken": "^8.5.1",
    "mongoose": "^6.2.11",
    "morgan": "^1.10.0",
    "validator": "^13.7.0"
  }
}
```

```
email: "123abcd@gmail.com" }
POST /api/v1/auth_81/register_81 500 108.318 ms - 124
body { name: 'yangcici', email: '123abcd@gmail', password: 'secret' }
error User_81 validation failed: email: please provide a valid email
POST /api/v1/auth_81/register_81 500 3.161 ms - 438
```

Auth_81 / Register User

POST Register User

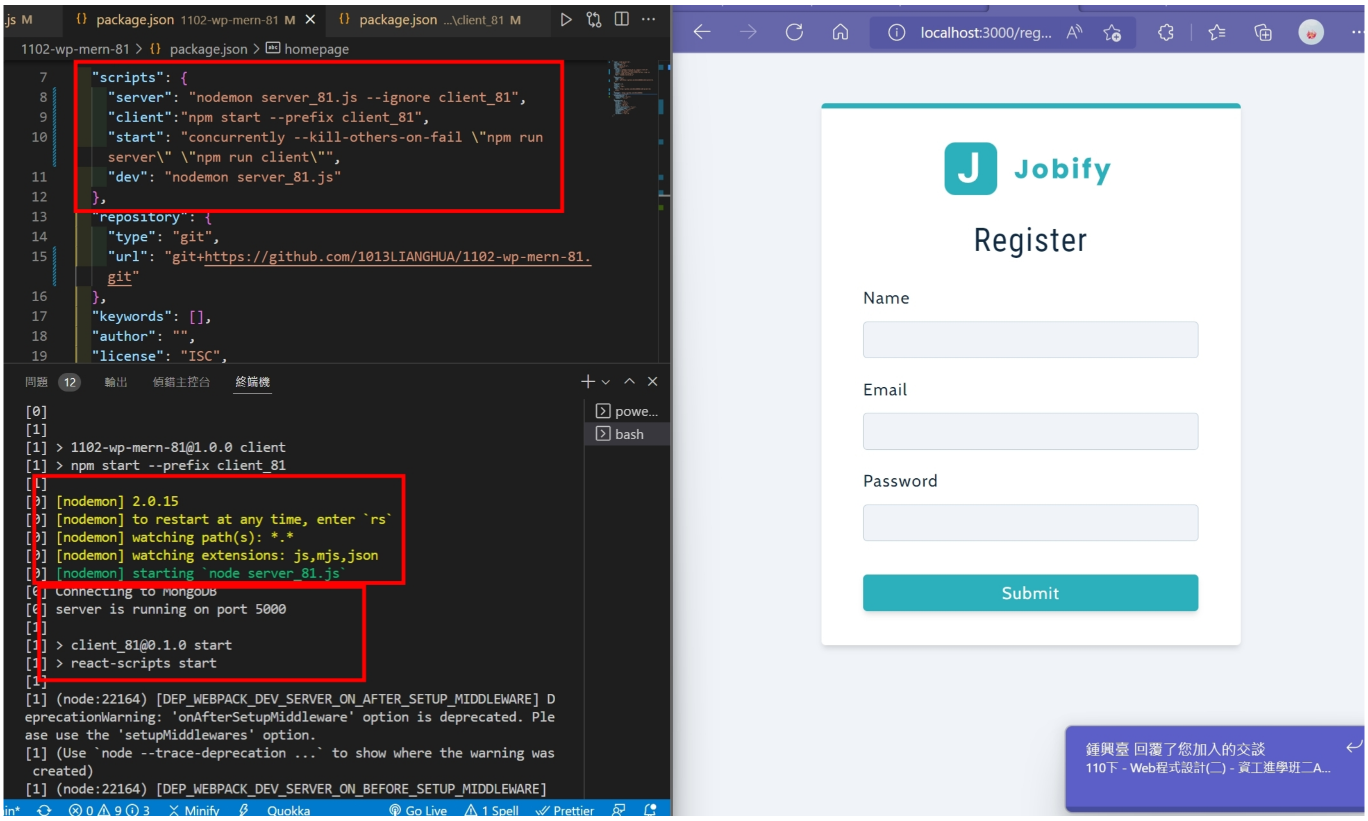
{{URL}}/auth_81/register_81

```
"name":"yangcici",
"email":"123abcd@gmail",
"password":"secret"
```

Status: 500

```
"msg": "there is an error",
"err": {
    "errors": {
        "email": {
            "name": "ValidatorError",
            "message": "please provide a valid email",
            "properties": {
                "message": "please provide a valid email",
                "type": "user defined",
                "path": "email",
                "value": "123abcd@gmail"
            },
            "kind": "user defined",
            "path": "email",
            "value": "123abcd@gmail"
        }
    },
    "_message": "User_81 validation failed",
    "name": "ValidationError",
    "message": "User_81 validation failed: email: please provide a valid email
```

w14-p3: run server and client concurrently

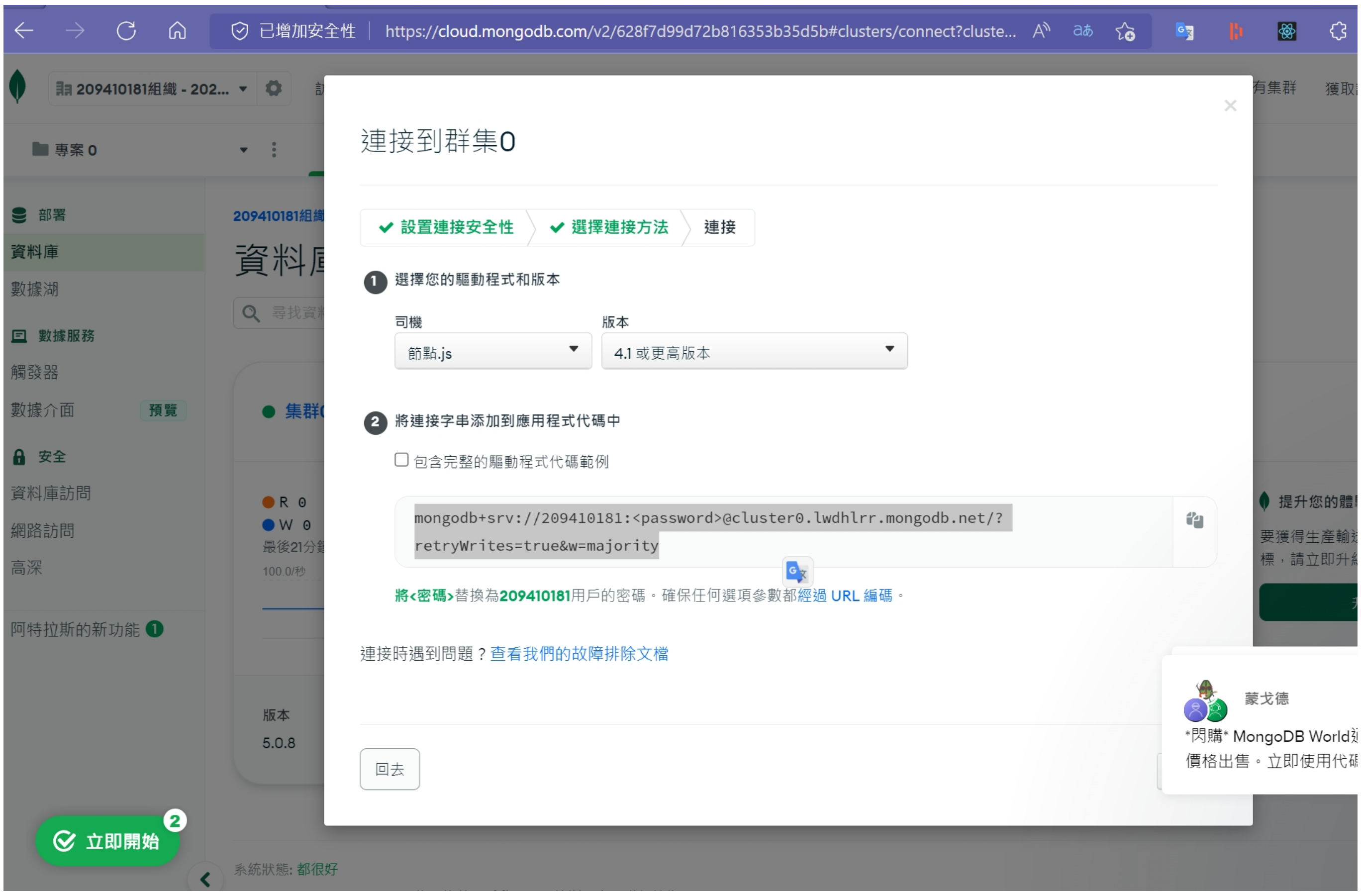


```
"scripts": {
  "server": "nodemon server_81.js --ignore client_81",
  "client":"npm start --prefix client_81",
  "start": "concurrently --kill-others-on-fail \"npm run
  server\" \"npm run client\"",
  "dev": "nodemon server_81.js"
},
"repository": {
  "type": "git",
  "url": "git+https://github.com/1013LIANGHUA/1102-wp-mern-81.
  git"
},
"keywords": [],
"author": "",
"license": "ISC",
```

```
[0]
[1]
[1] > 1102-wp-mern-81@1.0.0 client
[1] > npm start --prefix client_81
[1]
[0] [nodemon] 2.0.15
[0] [nodemon] to restart at any time, enter `rs`
[0] [nodemon] watching path(s): *.*
[0] [nodemon] watching extensions: js,mjs,json
[0] [nodemon] starting `node server_81.js`
[0] Connecting to MongoDB
[0] server is running on port 5000
[1]
[1] > client_81@0.1.0 start
[1] > react-scripts start
[1]
[1] (node:22164) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] D
eprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Ple
ase use the 'setupMiddlewares' option.
[1] (Use `node --trace-deprecation ...` to show where the warning was
 created)
[1] (node:22164) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE]
```

package.json 1102-wp-mern-81
package.json ...\client_81
localhost:3000/reg...
Jobify
Register
Name
Email
Password
Submit
鍾興臺 回覆了您加入的交談
110下 - Web程式設計(二) - 資工進學班二A...

w14-p4 助教作業



連接到群集0

✔ 設置連接安全性 ✔ 選擇連接方法 連接

1 選擇您的驅動程式和版本

司機: 節點.js

版本: 4.1 或更高版本

2 將連接字串添加到應用程式代碼中

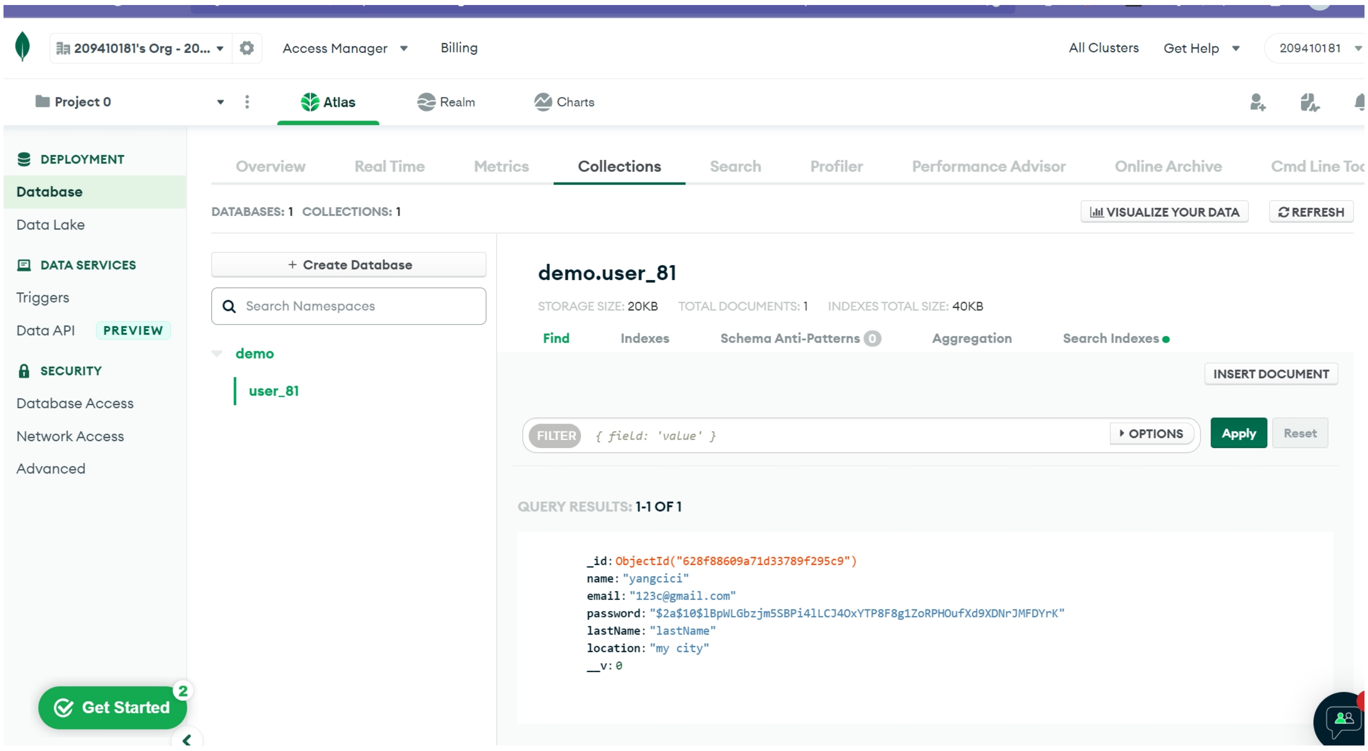
☐ 包含完整的驅動程式代碼範例

```
mongodb+srv://209410181:<password>@cluster0.lwdhlrr.mongodb.net/?
retryWrites=true&w=majority
```

將<密碼>替換為209410181用戶的密碼。確保任何選項參數都經過 URL 編碼。

連接時遇到問題？查看我們的故障排除文檔

回去



DATABASES: 1 COLLECTIONS: 1

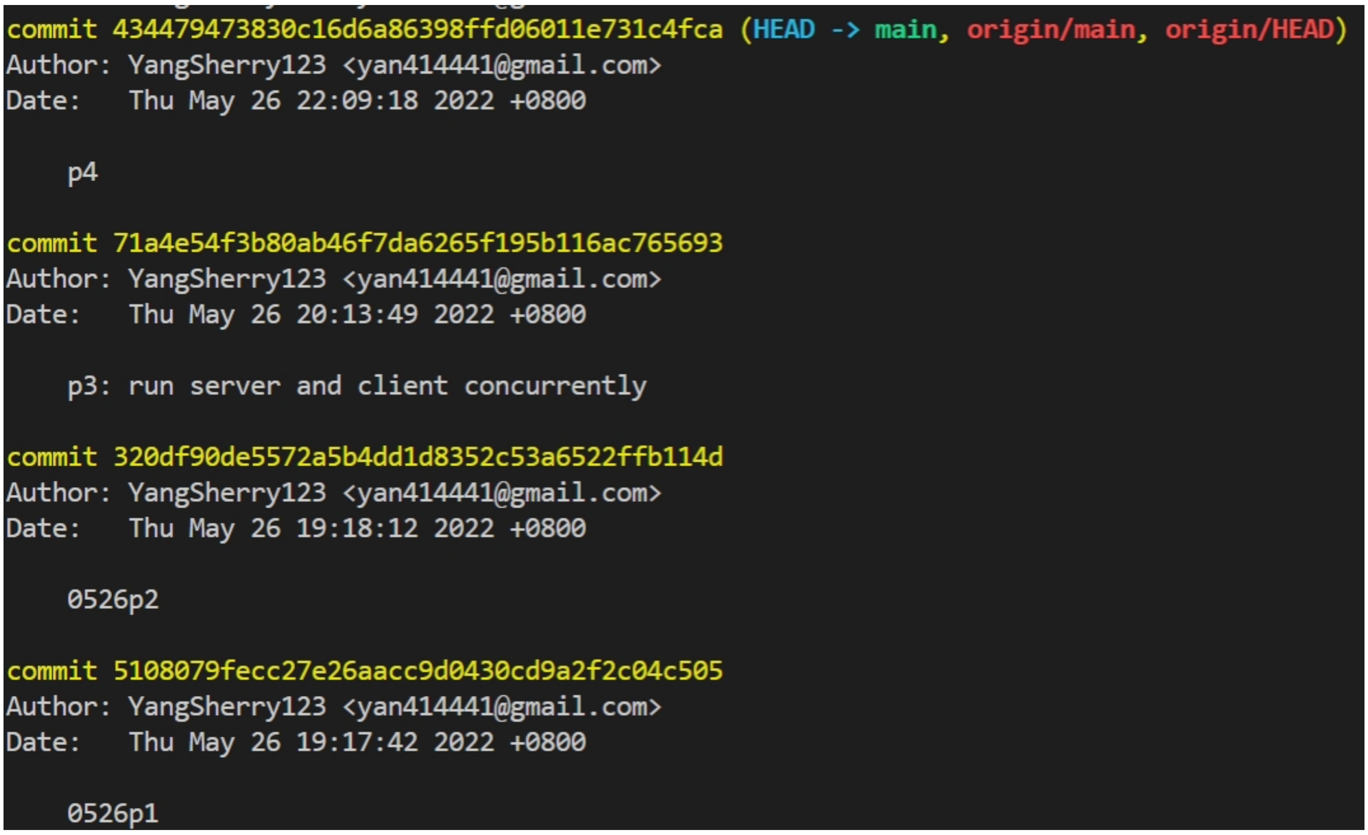
demo.user_81

STORAGE SIZE: 20KB TOTAL DOCUMENTS: 1 INDEXES TOTAL SIZE: 40KB

QUERY RESULTS: 1-1 OF 1

```
_id: ObjectId("628f88609a71d33789f295c9")
name: "yangcici"
email: "123c@gmail.com"
password: "$2a$10$lBpWLGbzjm5SBPi4lLCJ4OxYTP8F8g1ZoRPHOufXd9XDNrJMFDYrK"
lastName: "lastName"
location: "my city"
__v: 0
```

Git Log



```
commit 434479473830c16d6a86398ffd06011e731c4fca (HEAD -> main, origin/main, origin/HEAD)
Author: YangSherry123 <yan414441@gmail.com>
Date:   Thu May 26 22:09:18 2022 +0800

    p4

commit 71a4e54f3b80ab46f7da6265f195b116ac765693
Author: YangSherry123 <yan414441@gmail.com>
Date:   Thu May 26 20:13:49 2022 +0800

    p3: run server and client concurrently

commit 320df90de5572a5b4dd1d8352c53a6522ffb114d
Author: YangSherry123 <yan414441@gmail.com>
Date:   Thu May 26 19:18:12 2022 +0800

    0526p2

commit 5108079fecc27e26aacc9d0430cd9a2f2c04c505
Author: YangSherry123 <yan414441@gmail.com>
Date:   Thu May 26 19:17:42 2022 +0800

    0526p1
```