

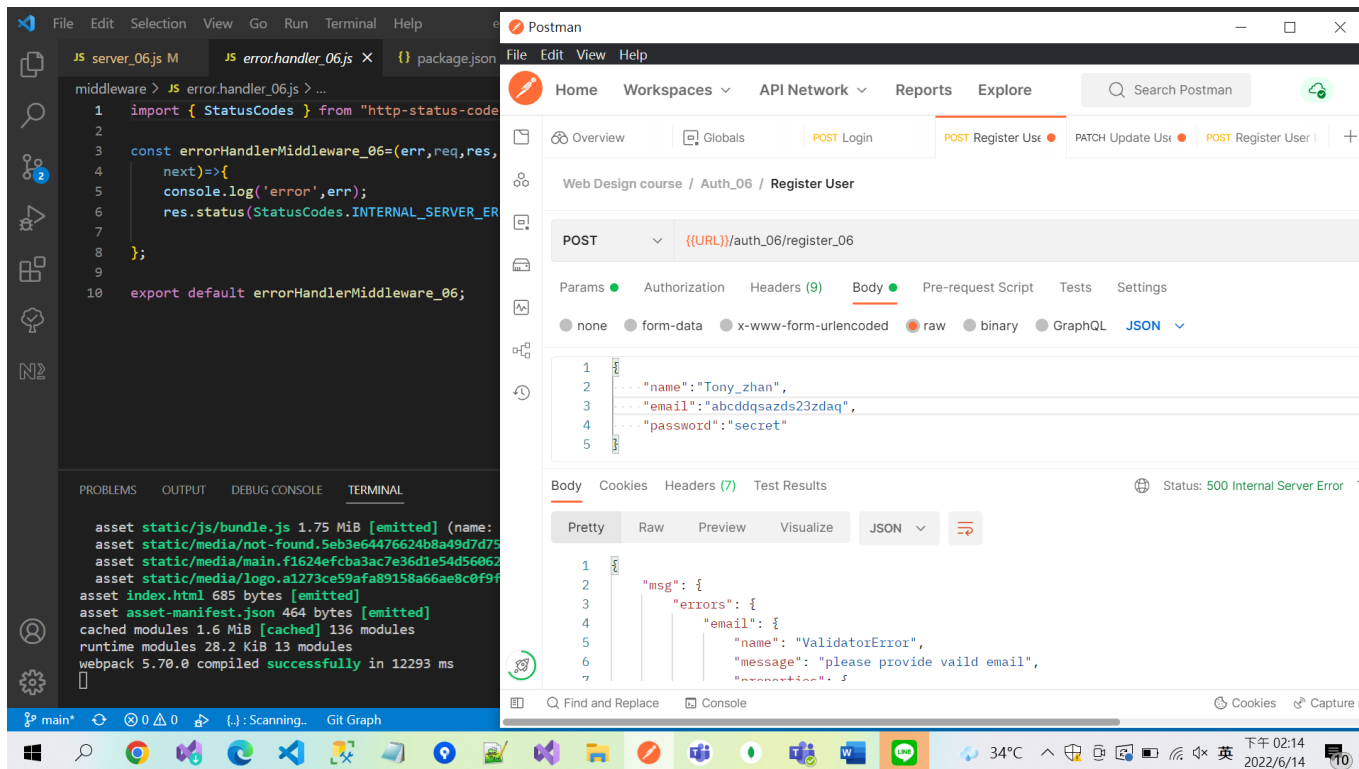
package.json install new tools(morgan(開發看return用) statuscode(201、500、404.....) concurrently (整合前後端一起npm start))

The image consists of two screenshots of a development environment, likely Visual Studio Code, showing code and API testing.

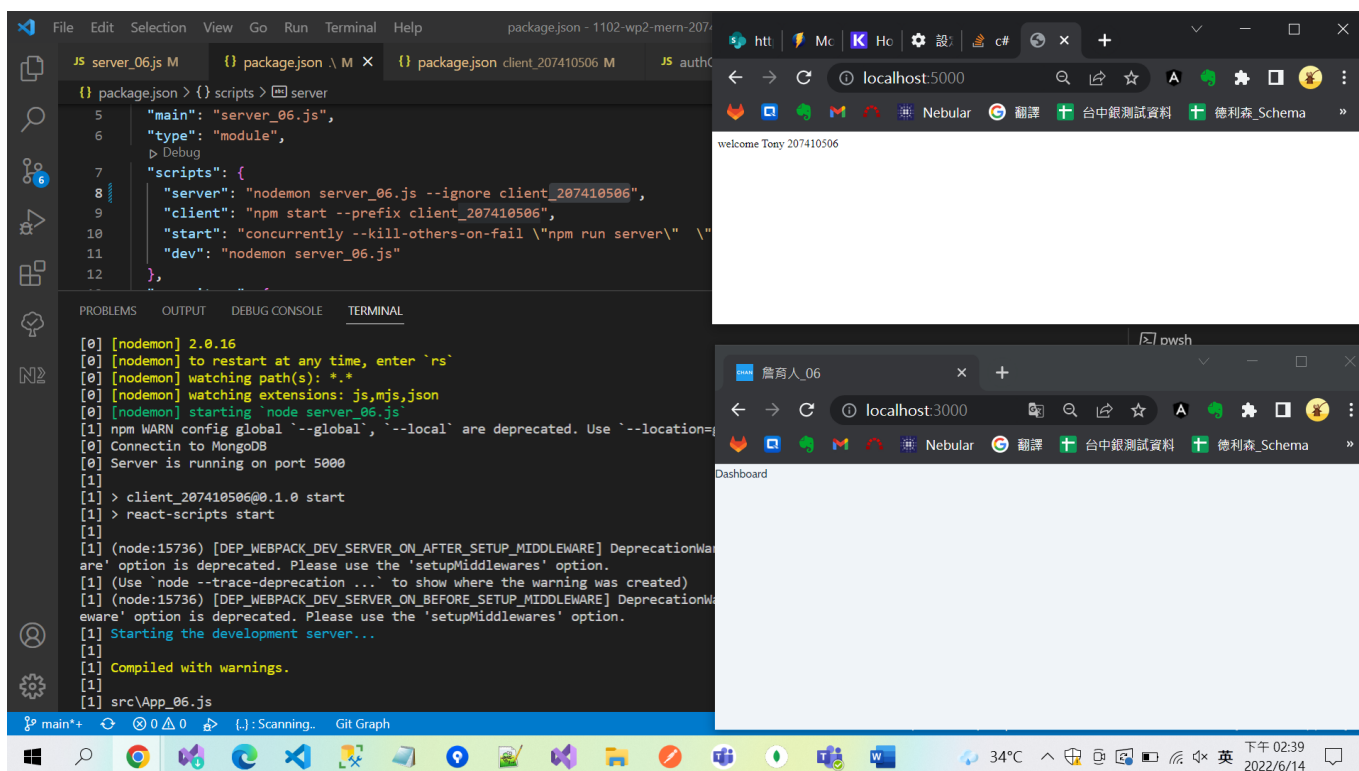
Top Screenshot: The main editor shows the `package.json` file. The `dependencies` section lists various packages including `bcryptjs`, `dotenv`, `express`, `express-async-errors`, `http-status-codes`, `jsonwebtoken`, `mongoose`, `morgan`, and `validator`. The `devDependencies` section is also visible. The terminal shows the output of a command, likely `npm install`, indicating successful installation of dependencies.

Bottom Screenshot: The main editor shows the `authController_06.js` file. The `register_06` function is defined, which uses `morgan` for logging and `jsonwebtoken` for token generation. The terminal shows the output of a command, likely `npm start`, indicating successful execution of the application.

Postman Screenshot: A separate window shows a REST client (Postman) with a `POST` request to `http://localhost:3000/auth_06/register_06`. The request body is a JSON object containing `name`, `email`, and `password`. The response status is `201` (Created), and the response body is a JSON object containing `email`, `password`, `lastName`, `location`, `_id`, and `__v`.



concurrently (整合前後端一起npm start)



成功連進線上Mongodb Atlas之設定

The screenshot displays the MongoDB Atlas web interface and a VS Code terminal. The Atlas interface shows the 'demo_06.user' collection with a storage size of 4KB and 0 documents. The VS Code terminal shows the environment variables for the application and the code for the server_06.js file.

MongoDB Atlas Interface:

- Project: 0
- Database: MernCourseTony
- Version: 5.0.9
- Region: AWS Hong Kong (ap-east-1)
- Collections: 1 (demo_06.user)
- Storage Size: 4KB
- Total Documents: 0
- Indexes Total Size: 4KB

VS Code Terminal:

```
1102-wp2-mern-207410506 > .env
1 PORT=5000
2 MONGO_URL=mongodb+srv://abcdqazzaq:Aa8426995@merncoursetony.1nwpu.mongodb.net/demo_06?retryWrites=true&w=ma
3 MONGO_LOCAL_URL=mongodb://localhost:27017/tonychickenDB_06
4 JWT_SECRET=jwtSecret
5 JWT_LIFETIME=1d

JS server_06js X
1102-wp2-mern-207410506 > JS server_06js > ...
56
57 const start = async () => {
58   try {
59     await connectDB_06(process.env.MONGO_LOCAL_URL).then(() => {
60       console.log('Connectin to MongoDB');
61     });
62     app.listen(port, () => console.log(`Server is running on port ${port}`));
63   } catch (err) {
64     console.log(err);
65   }
66 }
67 ;
```

成功連進git log 紀錄

Visual Studio Code interface showing a project named "1102-WP2-MERN-207410506". The Explorer sidebar on the left shows the file structure, including folders like "controllers", "db", "models", "routes", and "server_06.js". The main editor area displays the ".env" file with configuration for MongoDB and JWT.

```
.env
1 PORT=5000
2 MONGO_URL=mongodb+srv://<username>abcdqazzaq:<password>Aa8426995@merncoursetony.1nwpu.mongodb.net/demo_06?retryWrites
3 MONGO_LOCAL_URL=mongodb://localhost:27017/tonychickenDB_06
4 JWT_SECRET=jwtSecret
5 JWT_LIFETIME=1d
```

The bottom panel shows the "TERMINAL" with a git log command and its output, and a "PROBLEMS" panel on the right showing error messages.

```
(main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-06-12"
899a4a3 tony.zhan Mon Jun 13 13:36:49 2022 +0800 install_express_async_errors_and_http_stauts_code_an
d_morgan
2b1dace tony.zhan Mon Jun 13 11:25:14 2022 +0800 jsonwebtoken_Jwt_sign_to_encode_password_token
47219d8 tony.zhan Mon Jun 13 04:37:46 2022 +0800 mongoose_pre_to_secret_password_use_hash_and_gensalt
8a08717 tony.zhan Mon Jun 13 04:16:44 2022 +0800 npm_validator_isemail_error_msg_implement_with_next
915d0db tony.zhan Mon Jun 13 02:31:18 2022 +0800 MongooseSchema_Model_to_Mongodb_And_await_req_from_p
ostman_and_response
24c0ea8 tony.zhan Mon Jun 13 01:11:28 2022 +0800 Middleware_appuse_expressJson
dcfca78 tony.zhan Mon Jun 13 01:07:55 2022 +0800 MongoDB_appuse_Route_authController
```

The status bar at the bottom indicates the current file is "Ln 5, Col 16" with "Spaces: 4" and "UTF-8" encoding. The system tray shows the date and time as "2022/6/14" and "下午 05:05".