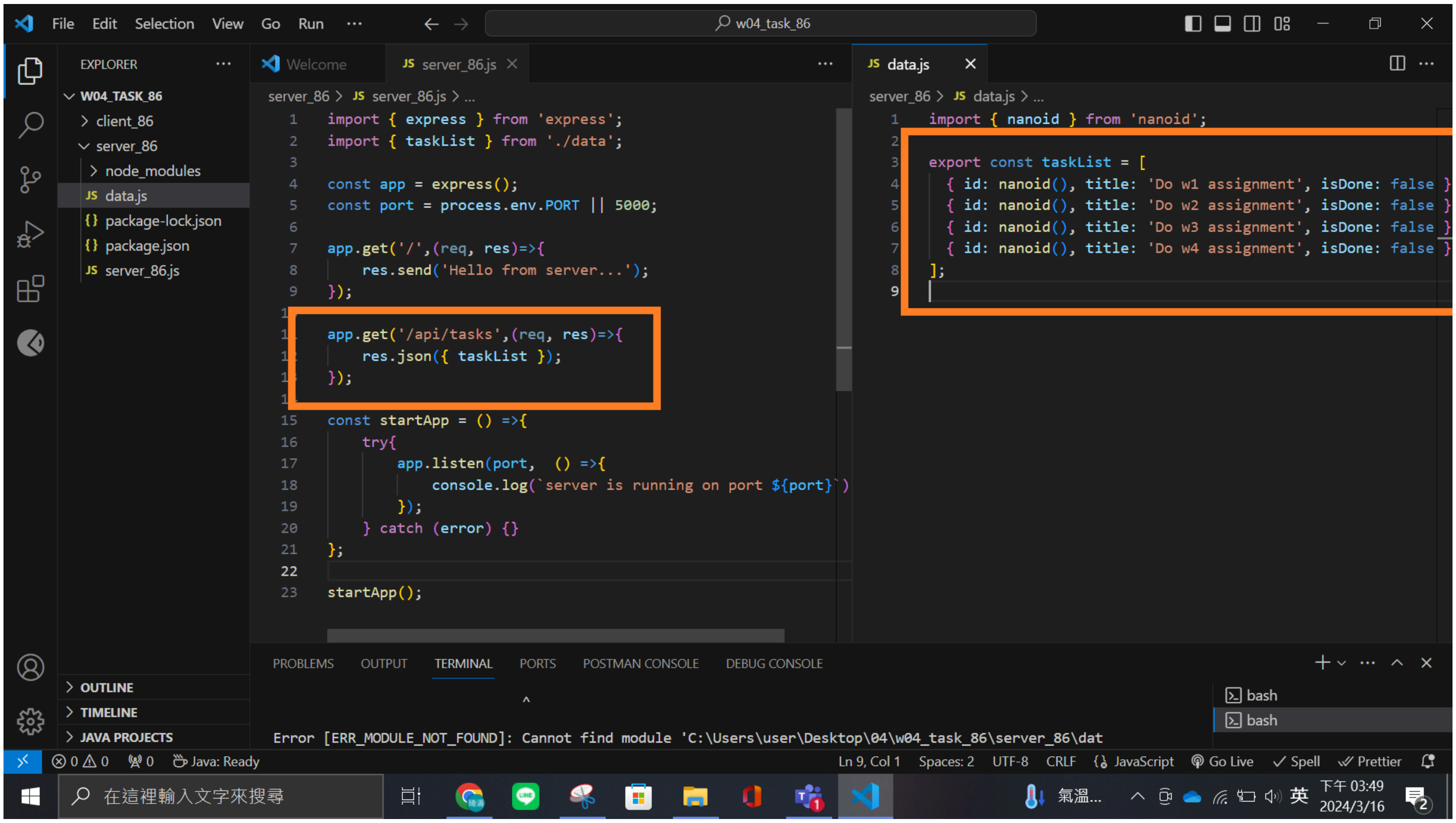
W4-P1: Server: implement GET /api/tasks



server_86.js

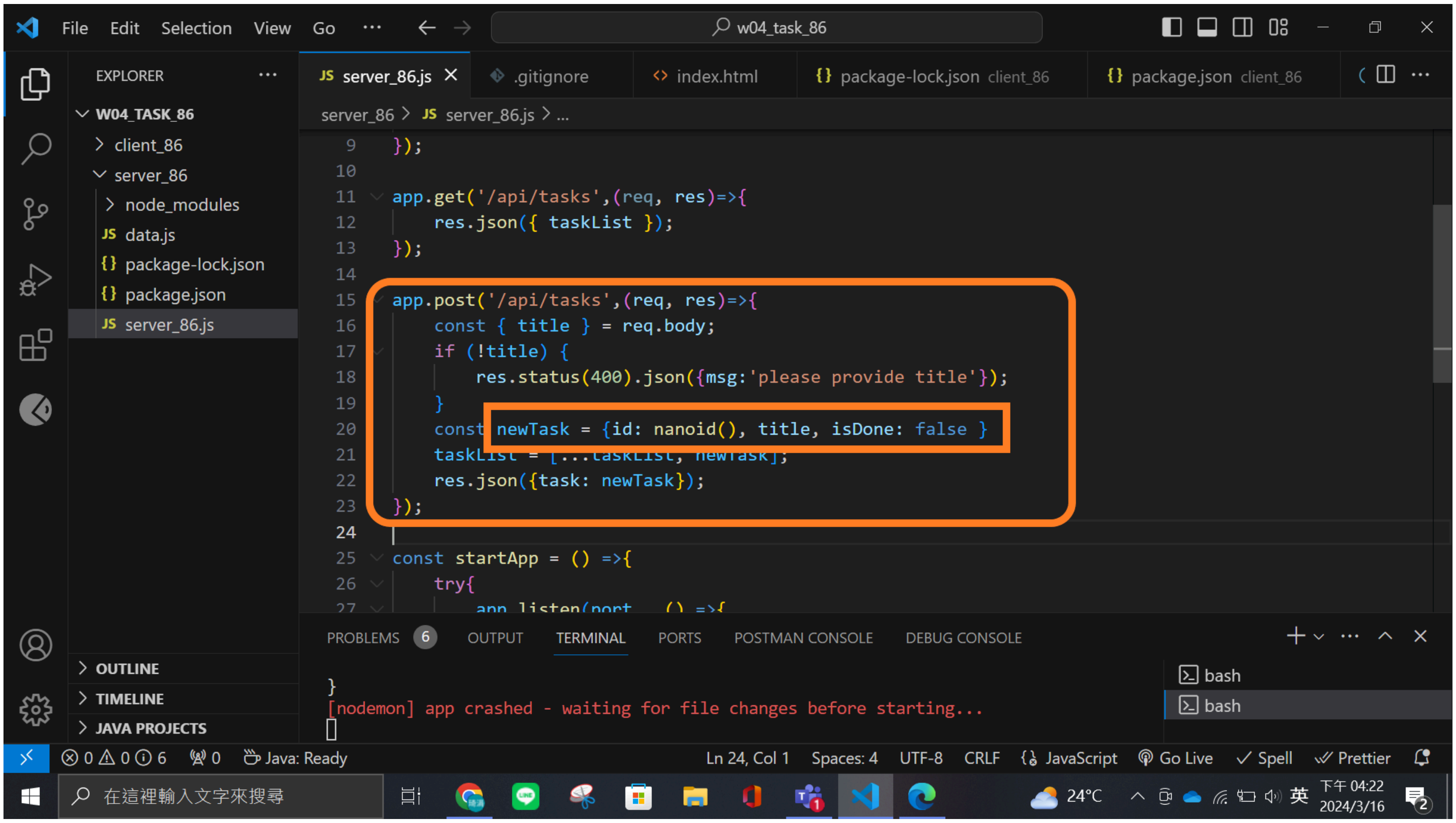
```
import { express } from 'express';
import { taskList } from './data';

const app = express();
const port = process.env.PORT || 5000;

app.get('/',(req, res)=>{
    res.send('Hello from server...');
});

app.get('/api/tasks',(req, res)=>{
    res.json({ taskList });
});

const startApp = () =>{
    try{
        app.listen(port,  () =>{
            console.log(`server is running on port ${port}`)
        });
    } catch (error) {}
};

startApp();
```

data.js

```
import { nanoid } from 'nanoid';

export const taskList = [
  { id: nanoid(), title: 'Do w1 assignment', isDone: false },
  { id: nanoid(), title: 'Do w2 assignment', isDone: false },
  { id: nanoid(), title: 'Do w3 assignment', isDone: false },
  { id: nanoid(), title: 'Do w4 assignment', isDone: false },
];
```

```
                             ^

Error [ERR_MODULE_NOT_FOUND]: Cannot find module 'C:\Users\user\Desktop\04\w04_task_86\server_86\dat
```

W4-P2: Server: implement POST /api/tasks

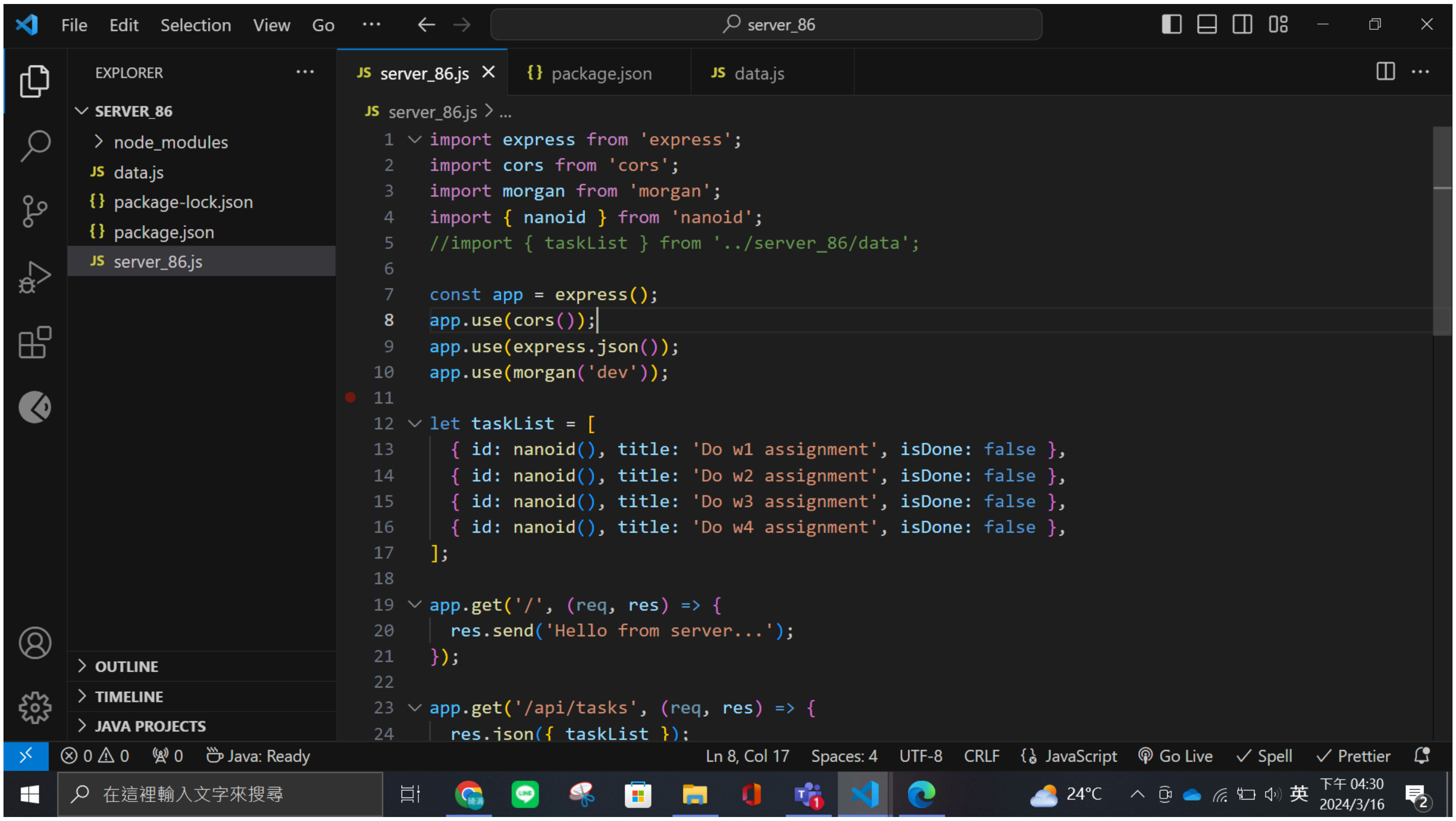


server_86.js

```
});

app.get('/api/tasks',(req, res)=>{
    res.json({ taskList });
});

app.post('/api/tasks',(req, res)=>{
    const { title } = req.body;
    if (!title) {
        res.status(400).json({msg:'please provide title'});
    }
    const newTask = {id: nanoid(), title, isDone: false }
    taskList = [...taskList, newTask];
    res.json({task: newTask});
});

const startApp = () =>{
    try{
        app.listen(port,  () =>{
```

```
}
[nodemon] app crashed - waiting for file changes before starting...
```

W4-P3: Server: implement PATCH /api/tasks/:id



```javascript
import express from 'express';
import cors from 'cors';
import morgan from 'morgan';
import { nanoid } from 'nanoid';
//import { taskList } from '../server_86/data';

const app = express();
app.use(cors());
app.use(express.json());
app.use(morgan('dev'));

let taskList = [
  { id: nanoid(), title: 'Do w1 assignment', isDone: false },
  { id: nanoid(), title: 'Do w2 assignment', isDone: false },
  { id: nanoid(), title: 'Do w3 assignment', isDone: false },
  { id: nanoid(), title: 'Do w4 assignment', isDone: false },
];

app.get('/', (req, res) => {
  res.send('Hello from server...');
});

app.get('/api/tasks', (req, res) => {
  res.json({ taskList });
```