

MicroProject

EXPLORER

- index.html
- package.json
- products.html
- about.html

Windows PowerShell

```
> microproject@1.0.0 start
> node app.js

node:events:496
  throw er; // Unhandled 'error' event
  ^

Error: listen EADDRINUSE: address already in use :::3000
    at Server.setupListenHandle [as _listen2] (node:net:1872:16)
    at listenInCluster (node:net:1920:12)
    at Server.listen (node:net:2080:7)
    at Function.listen (C:\Users\jashan sidhu\node_modules\express\lib\application.js:635:20)
    at Object.<anonymous> (C:\Users\jashan sidhu\Downloads\MicroProject\app.js:19:5)
    at Module._compile (node:internal/modules/cjs/loader:1376:14)
    at Module._extensions..js (node:internal/modules/cjs/loader:1435:10)
    at Module.load (node:internal/modules/cjs/loader:1297:32)
    at Module._load (node:internal/modules/cjs/loader:1023:12)
    at Function.executeUserEntryPoint [as runMain] (node:internal/modules/run_main:135:12)
Emitted 'error' event on Server instance at:
    at emitErrorNT (node:net:1899:18)
    at process.processTicksAndRejections (node:internal/process/task_queues:82:21) {
  code: 'EADDRINUSE',
  errno: -4091,
  syscall: 'listen',
  address: ':::',
  port: 3000
}
```

Node.js v20.11.1
PS C:\Users\jashan sidhu\Downloads\MicroProject>

```
27 </li><a href="about.html">About</a></li>
28 </li><a href="products.html">Products</a></li>
29 </ul>
30 <style>
31   nav ul {
32     list-style-type: none;
33     margin: 0;
34     padding: 0;
35     display: flex;
36     justify-content: flex-end; /* Align items to the right */
```

Ln 17, Col 12 Spaces: 4 UTF-8 CRLF HTML Port: 5500

MicroProject

EXPLORER

- index.html
- products.html
- about.html

OPEN EDITORS

- index.html public
- products.html public
- about.html public

MICROPROJECT

- .vscode
- launch.json
- data
- data.json
- public
- about.html
- demo.html
- image.jpg
- index.html
- products.html
- style.css
- app.js
- package.json

```
public > index.html > html > body > style > header
2 <html lang="en">
8 </head>
9 <body>
10 <header>
11 <h1>GREENERY</h1>
12 </header>
13 <style>
14   header {
15
16     background-color: #5cb85c;
17     color: rgb(0, 0, 0);
18     padding: 15px;
19     text-align: center;
20     font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
21     font-size: x-large;
22   }
23 </style>
24 <nav>
25   <ul>
26     <li><a href="index.html">Home</a></li>
27     <li><a href="about.html">About</a></li>
28     <li><a href="products.html">Products</a></li>
29   </ul>
30   <style>
31     nav ul {
32       list-style-type: none;
33       margin: 0;
34       padding: 0;
35       display: flex;
36       justify-content: flex-end; /* Align items to the right */
```

Ln 17, Col 12 Spaces: 4 UTF-8 CRLF HTML Port: 5500

About Us

Microproject

This project is dedicated to promoting the importance of greenery in our lives. We believe that green spaces are essential for fostering health, well-being, and environmental sustainability. Through advocacy, education, and community engagement, we strive to inspire individuals and organizations to embrace greenery and create positive change in their communities.

Our mission is to cultivate a greener, more sustainable world where people and nature thrive together. By raising awareness about the benefits of greenery and providing resources and support for green initiatives, we aim to empower individuals to make a difference and contribute to a brighter future for all.

Our Products

Opt for Green Products

Discover a wide range of eco-friendly products designed to enhance your connection with nature and promote sustainable living. From organic skincare and biodegradable household items to recycled fashion and zero-waste essentials, our curated collection offers something for everyone who shares our passion for greenery and environmental stewardship.

Each product is carefully selected based on its environmental impact, ethical sourcing, and contribution to a greener future. By choosing green products, you can reduce your ecological footprint and support businesses that prioritize sustainability and social responsibility. Together, let's make conscious choices and create positive change for the planet.



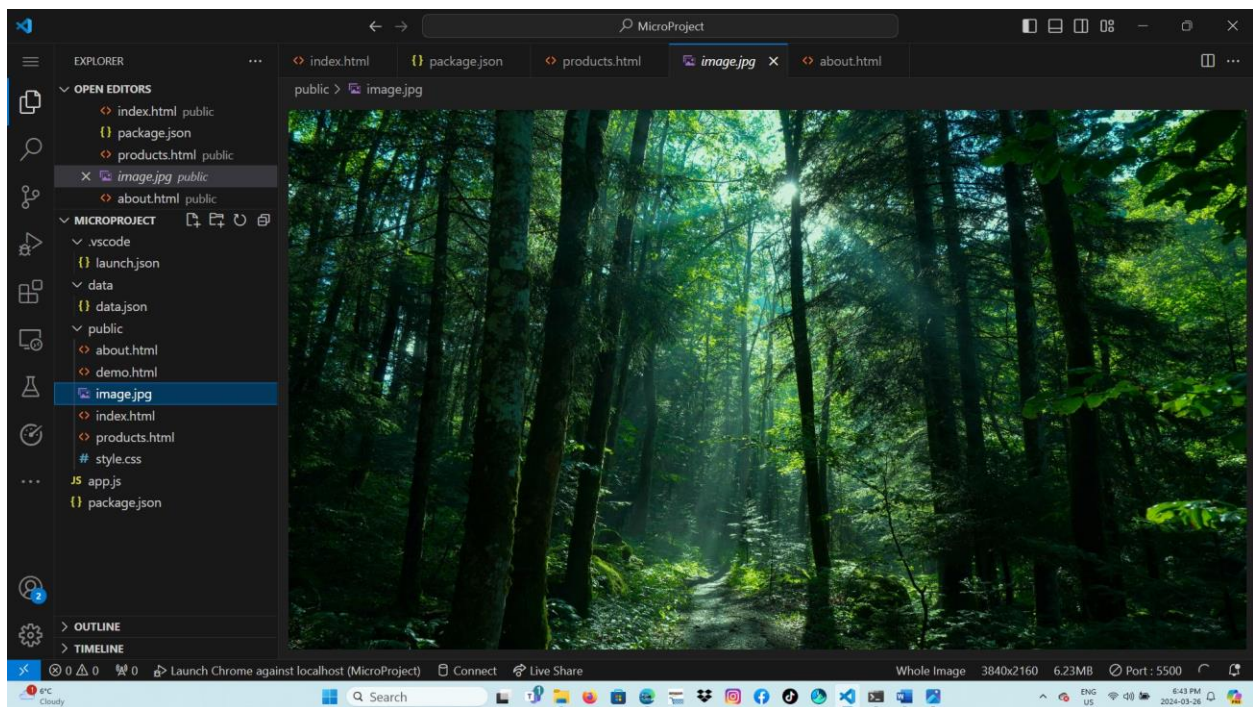
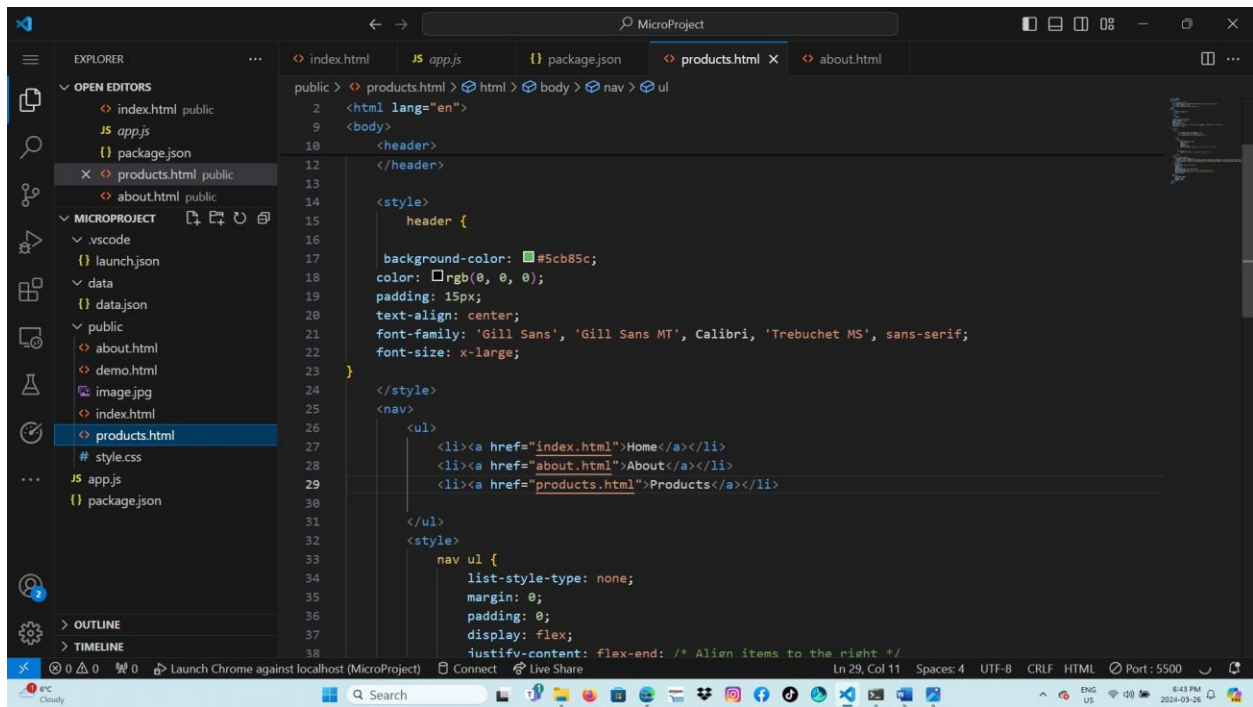
```
public > # style.css > ...
1  body {
2    font-family: Arial, sans-serif;
3    margin: 0;
4    padding: 0;
5  }
6
7  header {
8    background-color: #5cb85c;
9    color: white;
10   padding: 20px;
11   text-align: center;
12 }
13
14 nav {
15   background-color: #f0f0f0;
16   padding: 10px;
17 }
18
19 nav ul {
20   list-style-type: none;
21   margin: 0;
22   padding: 0;
23 }
24
25 nav ul li {
26   display: inline;
27   margin-right: 10px;
28 }
29
30 nav ul li a {
```

The screenshot shows the Visual Studio Code editor with the 'MicroProject' workspace. The Explorer sidebar on the left shows the project structure: 'OPEN EDITORS' (index.html public, JS app.js, package.json, products.html public, about.html public) and 'MICROPROJECT' (.vscode, launch.json, data, data.json, public, about.html, demo.html, image.jpg, index.html, products.html, style.css, JS app.js, package.json). The 'app.js' file is selected in the Explorer and its content is displayed in the editor. The code is a Node.js Express application that serves static files from the 'public' directory and handles GET requests for '/contact.html' and '/api/data'. The status bar at the bottom indicates 'Ln 11, Col 16', 'Spaces: 4', 'UTF-8', 'CRLF', 'JavaScript', and 'Port: 5500'.

```
JS app.js > app.get('/contact.html') callback
1  const express = require('express');
2  const path = require('path');
3  const jsonData = require('./data/data.json');
4
5  const app = express();
6  const PORT = process.env.PORT || 3000;
7
8  app.use(express.static(path.join(__dirname, 'public')));
9
10 app.get('/contact.html', (req, res) => {
11   res.sendFile(path.join(__dirname, 'public', 'contact.html'));
12 });
13
14
15 app.get('/api/data', (req, res) => {
16   res.json(jsonData);
17 });
18
19 app.listen(PORT, () => {
20   console.log(`Server is running on port ${PORT}`);
21 });
22
```

The screenshot shows the Visual Studio Code editor with the 'MicroProject' workspace. The Explorer sidebar on the left shows the project structure: 'OPEN EDITORS' (index.html public, JS app.js, package.json, products.html public, about.html public) and 'MICROPROJECT' (.vscode, launch.json, data, data.json, public, about.html, demo.html, image.jpg, index.html, products.html, style.css, JS app.js, package.json). The 'package.json' file is selected in the Explorer and its content is displayed in the editor. The package.json file defines the project name as 'microproject', version as '1.0.0', description as 'A simple Express application for MicroProject', main as 'app.js', and includes scripts for start and test. The status bar at the bottom indicates 'Ln 7, Col 30', 'Spaces: 2', 'UTF-8', 'CRLF', 'JSON', and 'Port: 5500'.

```
{ package.json > {} scripts
1  {
2    "name": "microproject",
3    "version": "1.0.0",
4    "description": "A simple Express application for MicroProject",
5    "main": "app.js",
6    "scripts": {
7      "start": "node app.js",
8      "test": "echo \\\"Error: no test specified\\\" && exit 1"
9    },
10   "author": "Your Name",
11   "license": "MIT",
12   "dependencies": {
13     "express": "^4.17.1"
14   }
15 }
16
```

```
public > demo.html > html > body > nav > style
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Demo Page</title>
7      <link rel="stylesheet" href="styles.css">
8  </head>
9  <body>
10     <header>
11         <h1>Demo Page</h1>
12     </header>
13     <nav>
14         <ul>
15             <li><a href="index.html">Home</a></li>
16             <li><a href="about.html">About</a></li>
17             <li><a href="products.html">Products</a></li>
18         </ul>
19     </nav>
20     <style>
21         nav ul {
22             list-style-type: none;
23             margin: 0;
24             padding: 0;
25             display: flex;
26             justify-content: flex-end; /* Align items to the right */
27         }
28     </style>
29     <nav ul li {
30         margin-left: 10px; /* Add spacing between links */
31     }
32 </body>
33 </html>
```

```
public > about.html > html > body > style
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>About Us</title>
7      <link rel="stylesheet" href="styles.css">
8  </head>
9  <body>
10     <header>
11         <h1>About Us</h1>
12     </header>
13     <style>
14         header {
15             background-color: #5cb85c;
16             color: rgb(0, 0, 0);
17             padding: 15px;
18             text-align: center;
19             font-family: 'Gill Sans', 'Gill Sans MT', Calibri, 'Trebuchet MS', sans-serif;
20             font-size: x-large;
21         }
22     </style>
23     <nav>
24         <ul>
25             <li><a href="index.html">Home</a></li>
26             <li><a href="about.html">About</a></li>
27             <li><a href="products.html">Products</a></li>
28         </ul>
29     </nav>
30 </body>
31 </html>
```

