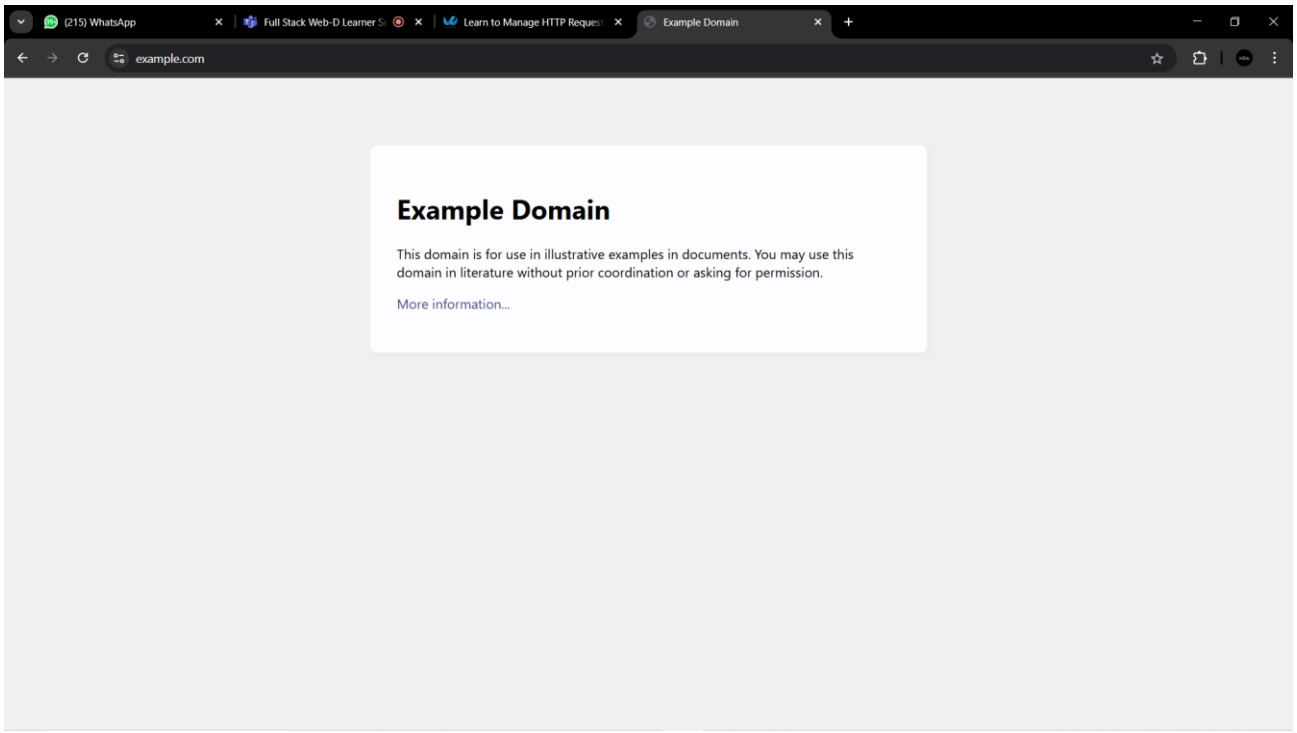
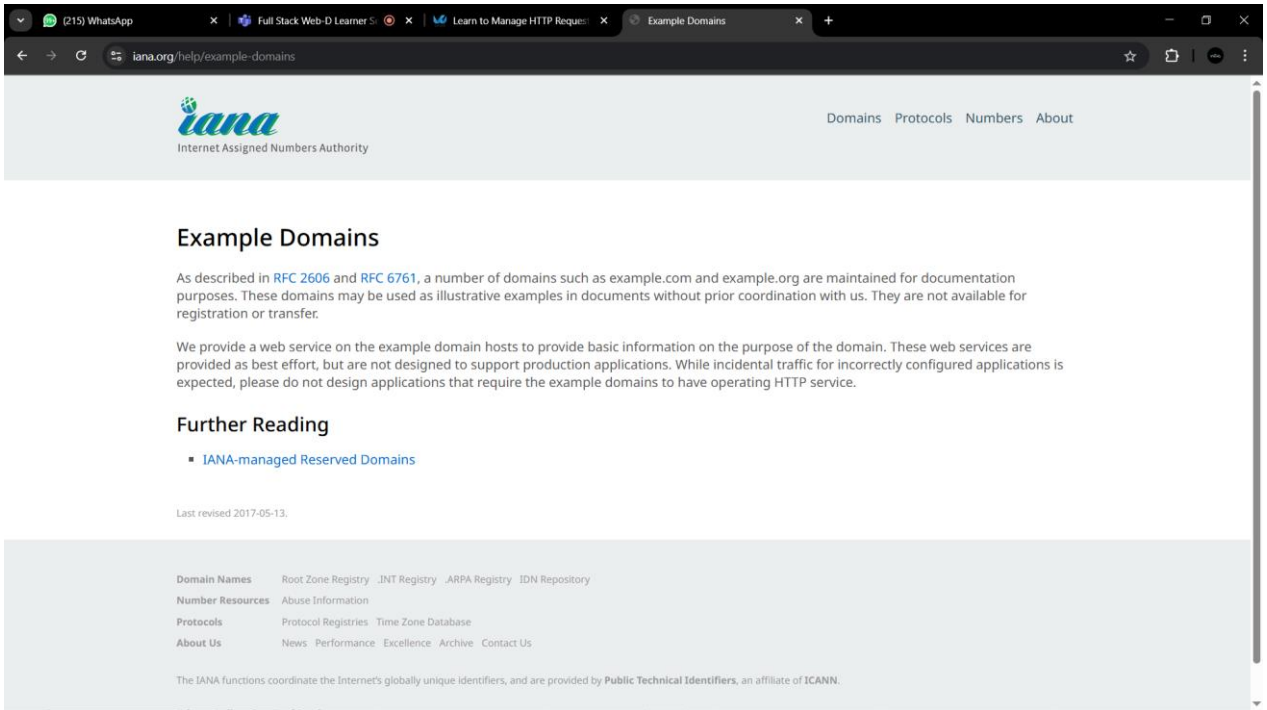
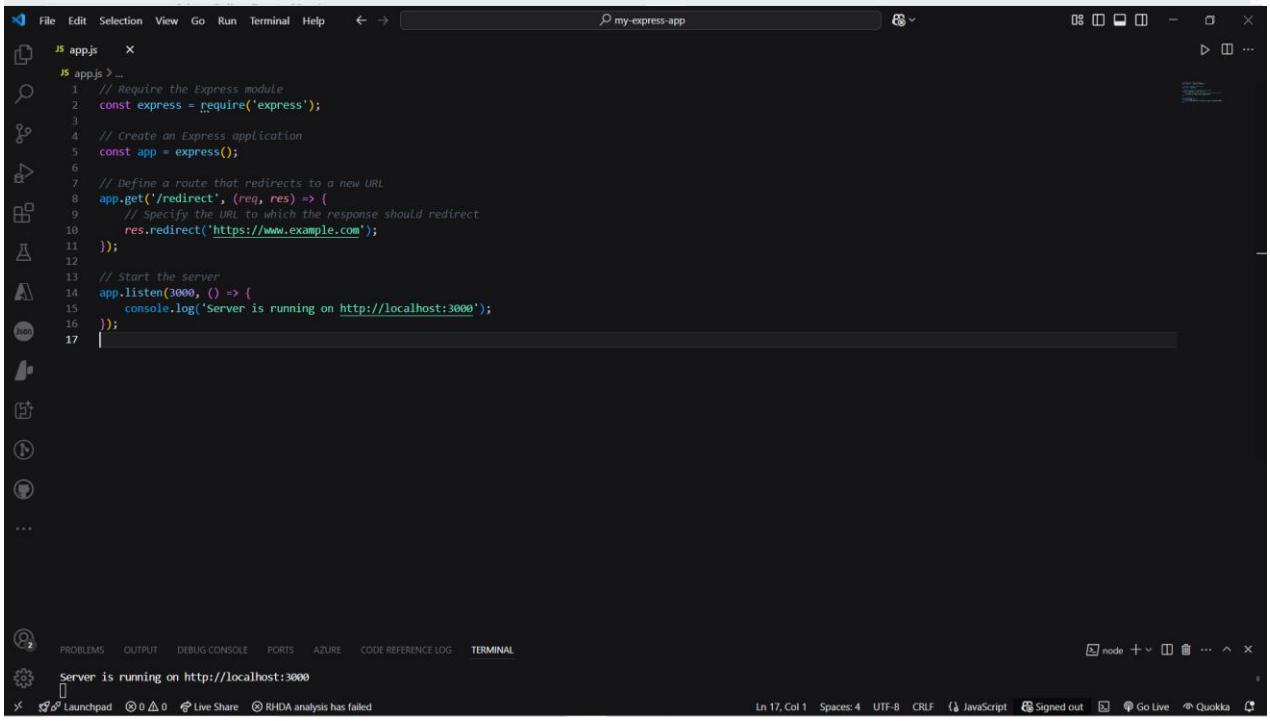
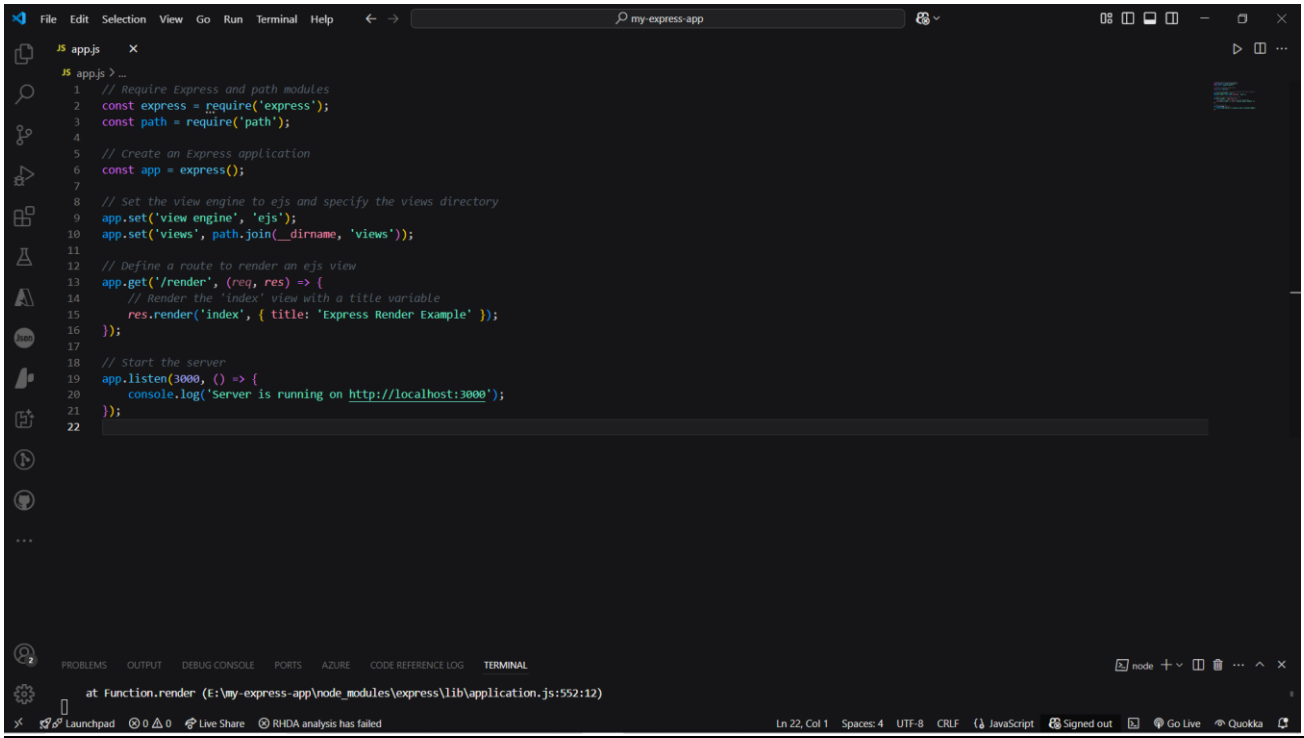
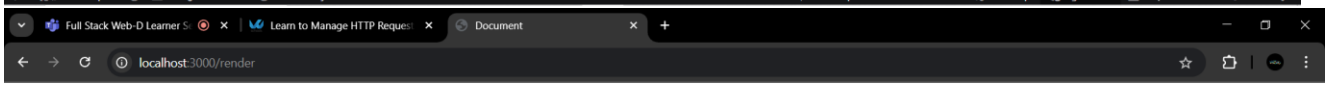
June 10, 2025


(215) WhatsApp
Full Stack Web-D Learner
Learn to Manage HTTP Reques
Example Domain
example.com
Example Domain
This domain is for use in illustrative examples in documents. You may use this domain in literature without prior coordination or asking for permission.
More information...

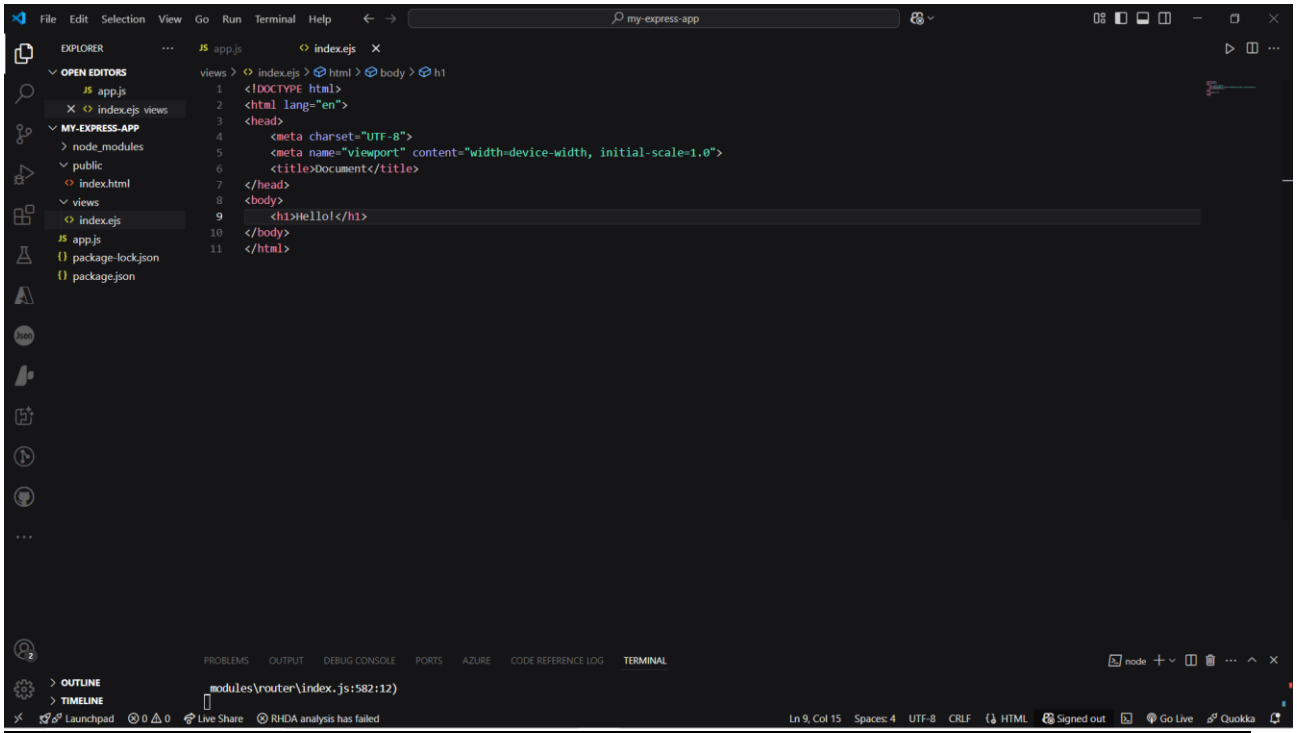

(215) WhatsApp
Full Stack Web-D Learner
Learn to Manage HTTP Reques
Example Domains
iana.org/help/example-domains
iana
Internet Assigned Numbers Authority
Domains Protocols Numbers About
Example Domains
As described in RFC 2606 and RFC 6761, a number of domains such as example.com and example.org are maintained for documentation purposes. These domains may be used as illustrative examples in documents without prior coordination with us. They are not available for registration or transfer.
We provide a web service on the example domain hosts to provide basic information on the purpose of the domain. These web services are provided as best effort, but are not designed to support production applications. While incidental traffic for incorrectly configured applications is expected, please do not design applications that require the example domains to have operating HTTP service.
Further Reading
IANA-managed Reserved Domains
Last revised 2017-05-13.
Domain Names Root Zone Registry .INT Registry .ARPA Registry IDN Repository
Number Resources Abuse Information
Protocols Protocol Registries Time Zone Database
About Us News Performance Excellence Archive Contact Us
The IANA functions coordinate the Internet's globally unique identifiers, and are provided by Public Technical Identifiers, an affiliate of ICANN.

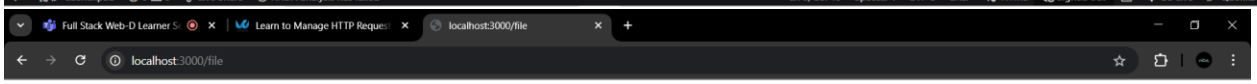

File Edit Selection View Go Run Terminal Help
my-express-app
app.js
app.js > ...
// Require the Express module
const express = require('express');
// Create an Express application
const app = express();
// Define a route that redirects to a new URL
app.get('/redirect', (req, res) => {
// Specify the URL to which the response should redirect
res.redirect('https://www.example.com');
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on http://localhost:3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
Server is running on http://localhost:3000
Launchpad
Live Share
RHDA analysis has failed
Ln 17, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka


File Edit Selection View Go Run Terminal Help
my-express-app
app.js
app.js > ...
// Require Express and path modules
const express = require('express');
const path = require('path');
// Create an Express application
const app = express();
// Set the view engine to ejs and specify the views directory
app.set('view engine', 'ejs');
app.set('views', path.join(__dirname, 'views'));
// Define a route to render an ejs view
app.get('/render', (req, res) => {
// Render the 'index' view with a title variable
res.render('index', { title: 'Express Render Example' });
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on http://localhost:3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
at Function.render (E:\my-express-app\node_modules\express\lib\application.js:552:12)
Launchpad
Live Share
RHDA analysis has failed
Ln 22, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka

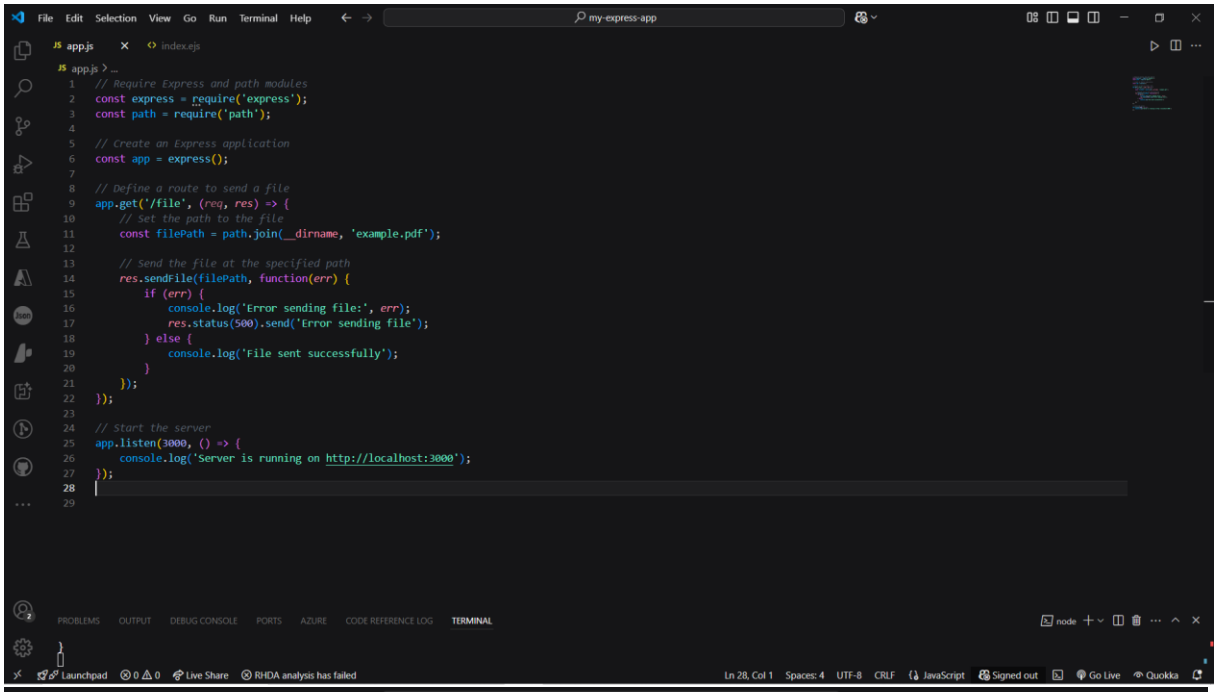

Full Stack Web-D Learner
Learn to Manage HTTP Reques
Document
localhost:3000/render

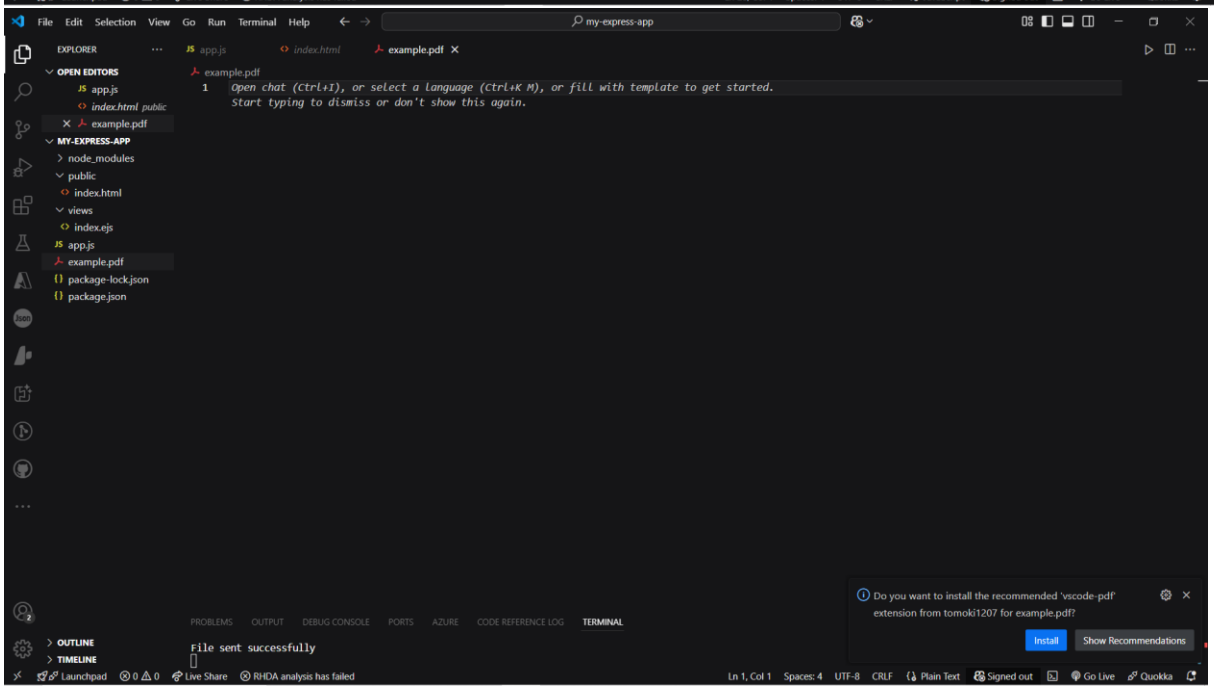
Hello!

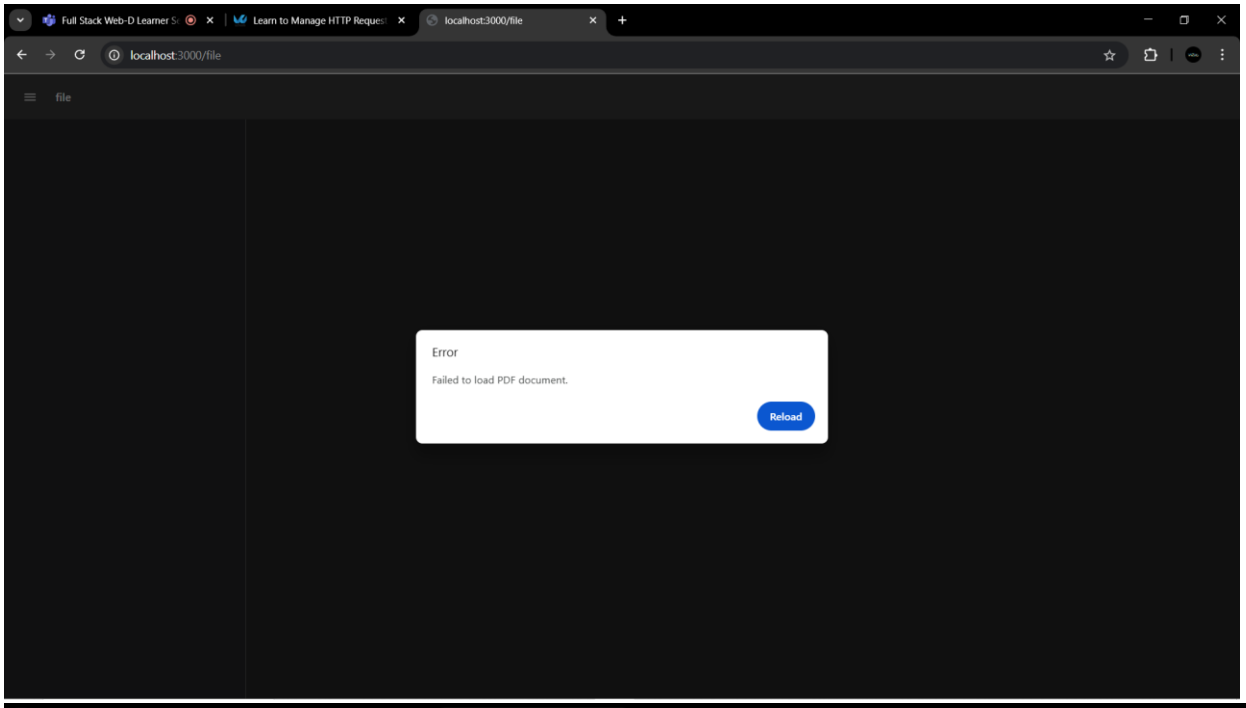




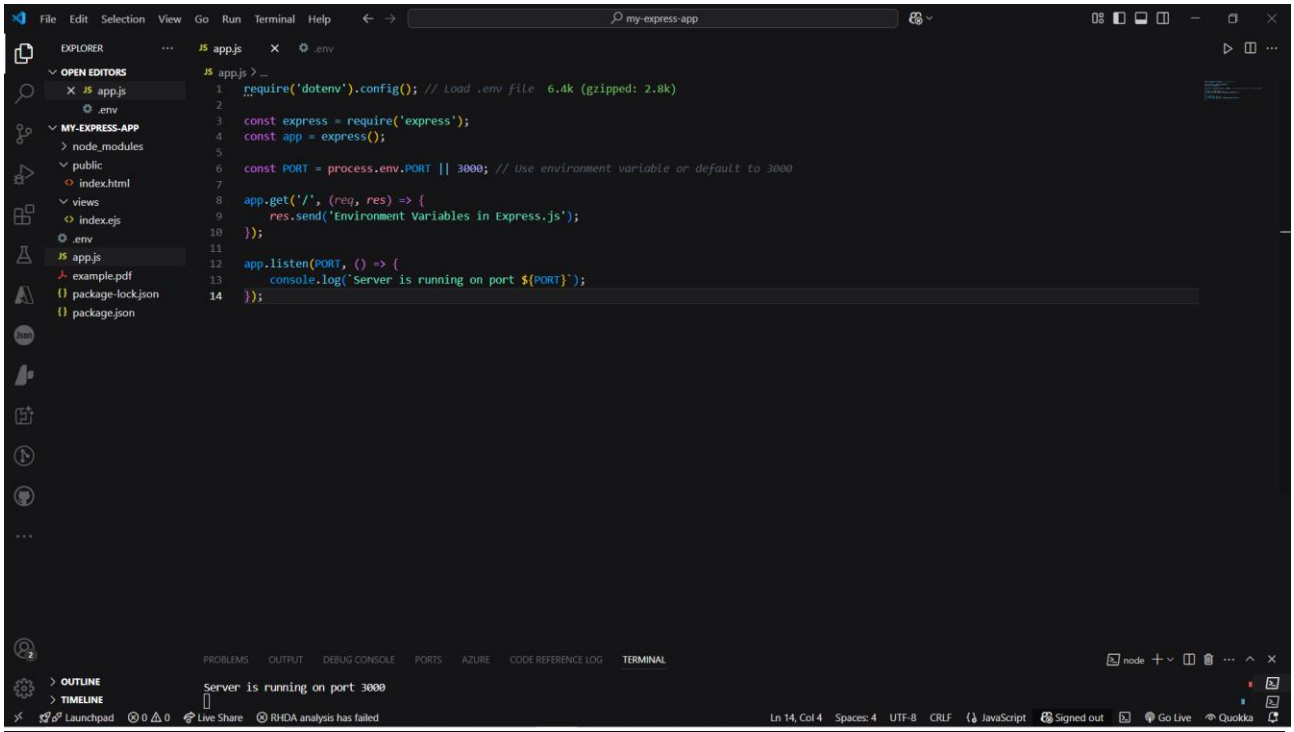
Error sending file

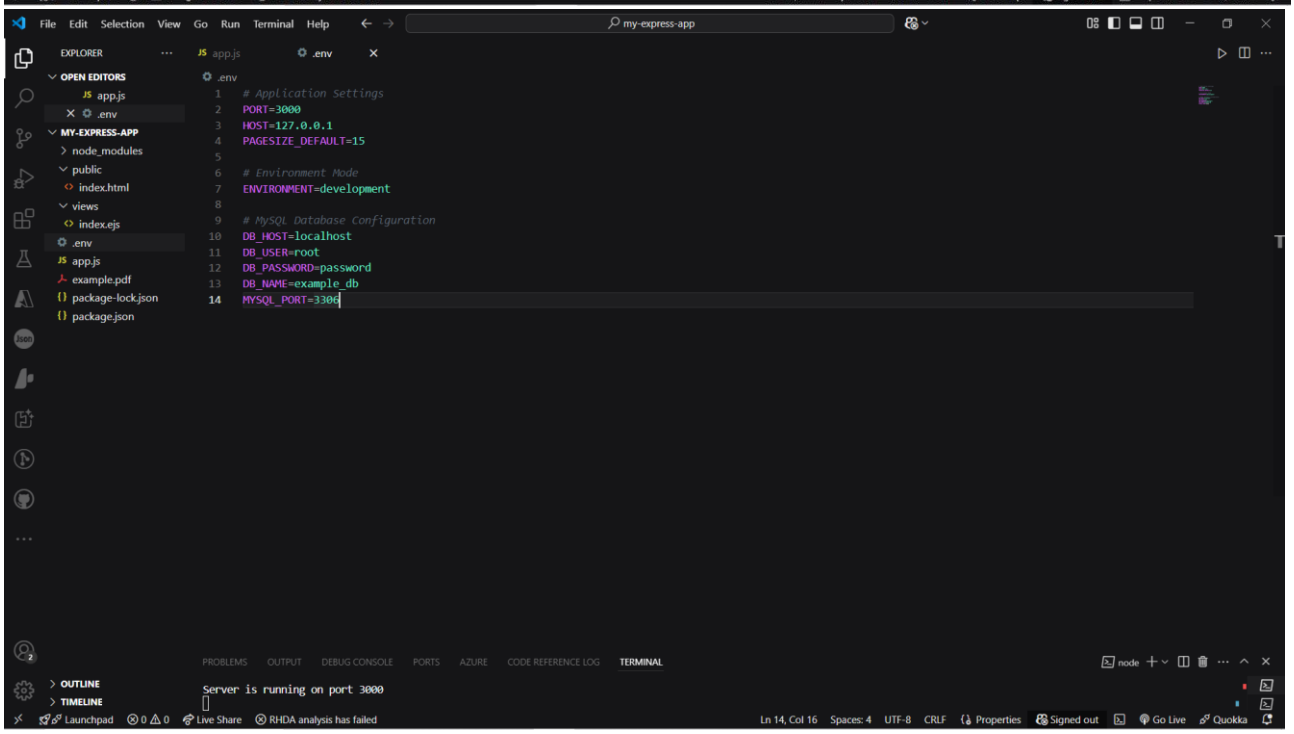

File Edit Selection View Go Run Terminal Help
my-express-app
app.js
index.ejs
app.js > ...
// Require Express and path modules
const express = require('express');
const path = require('path');
// Create an Express application
const app = express();
// Define a route to send a file
app.get('/file', (req, res) => {
// Set the path to the file
const filePath = path.join(__dirname, 'example.pdf');
// Send the file at the specified path
res.sendFile(filePath, function(err) {
if (err) {
console.log('Error sending file:', err);
res.status(500).send('Error sending file');
} else {
console.log('File sent successfully');
}
});
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on http://localhost:3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
}
Launchpad 0 0 Live Share RHDA analysis has failed
Ln 28, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka

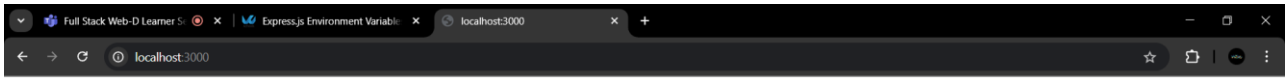

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.html
example.pdf
OPEN EDITORS
app.js
index.html public
example.pdf
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
app.js
example.pdf
package-lock.json
package.json
Open chat (Ctrl+I), or select a language (Ctrl+K M), or fill with template to get started.
Start typing to dismiss or don't show this again.
Do you want to install the recommended 'vscode-pdf' extension from tomoki1207 for example.pdf?
Install
Show Recommendations
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
File sent successfully
OUTLINE
TIMELINE
Launchpad 0 0 Live Share RHDA analysis has failed
Ln 1, Col 1 Spaces: 4 UTF-8 CRLF Plain Text Signed out Go Live Quokka



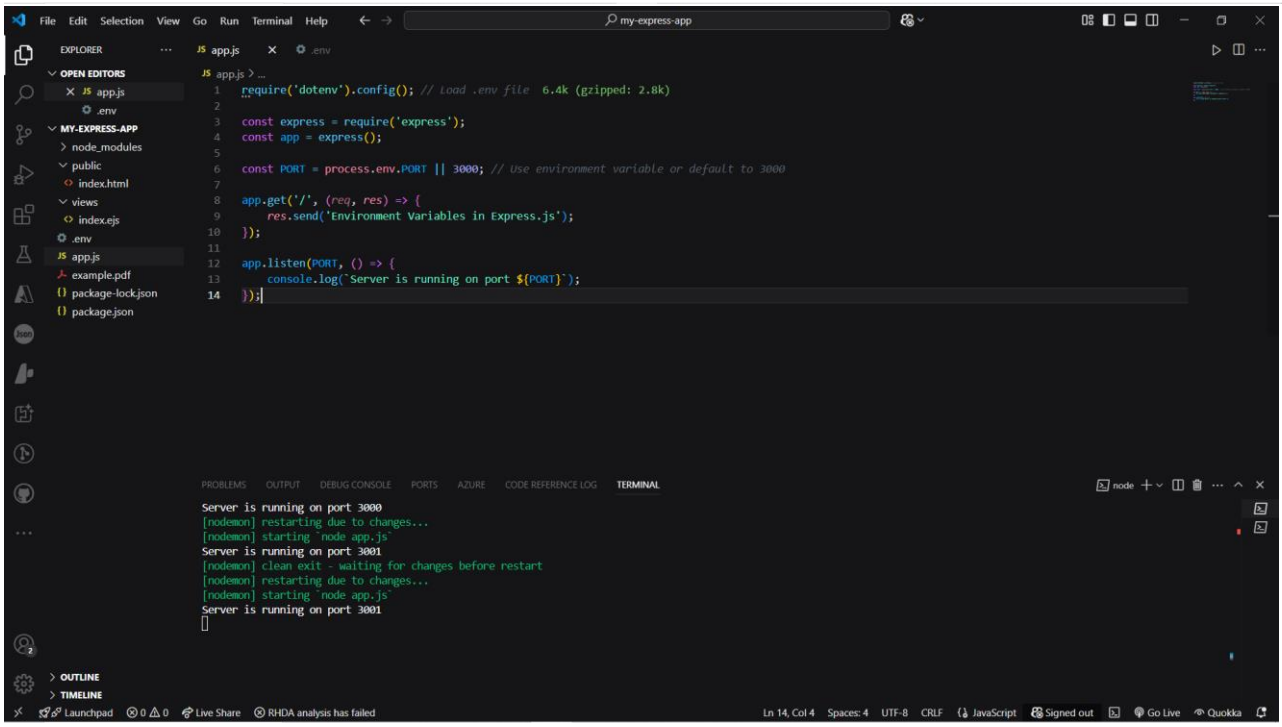
Environment Variables in Express.js

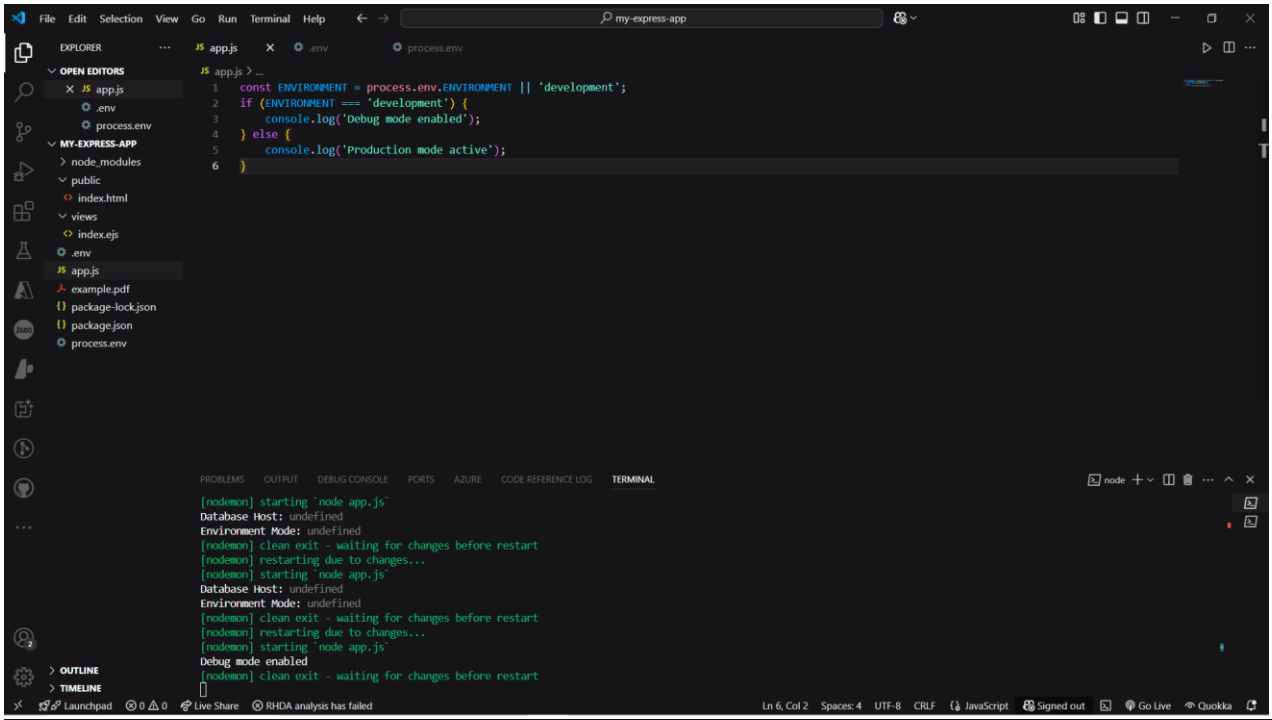

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
example.pdf
package-lock.json
package.json
app.js
.env
require('dotenv').config(); // Load .env file 6.4k (gzipped: 2.8k)
const express = require('express');
const app = express();
const PORT = process.env.PORT || 3000; // Use environment variable or default to 3000
app.get('/', (req, res) => {
res.send('Environment Variables in Express.js');
});
app.listen(PORT, () => {
console.log(`Server is running on port ${PORT}`);
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
OUTLINE
TIMELINE
Server is running on port 3000
Launchpad
Live Share
RHDA analysis has failed
Ln 14, Col 4 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka

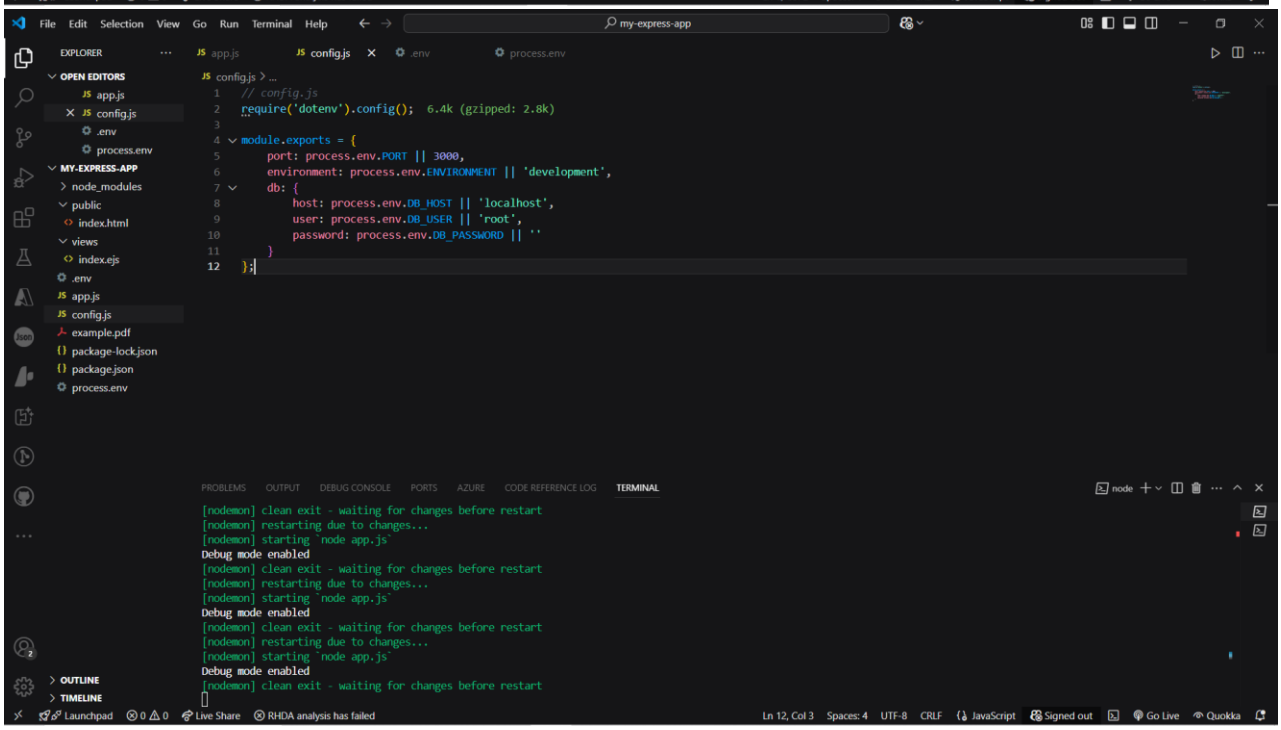

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
example.pdf
package-lock.json
package.json
app.js
.env
# Application Settings
PORT=3000
HOST=127.0.0.1
PAGESIZE_DEFAULT=15
# Environment Mode
ENVIRONMENT=development
# MySQL Database Configuration
DB_HOST=localhost
DB_USER=root
DB_PASSWORD=password
DB_NAME=example_db
MYSQL_PORT=3306
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
OUTLINE
TIMELINE
Server is running on port 3000
Launchpad
Live Share
RHDA analysis has failed
Ln 14, Col 16 Spaces: 4 UTF-8 CRLF Properties Signed out Go Live Quokka

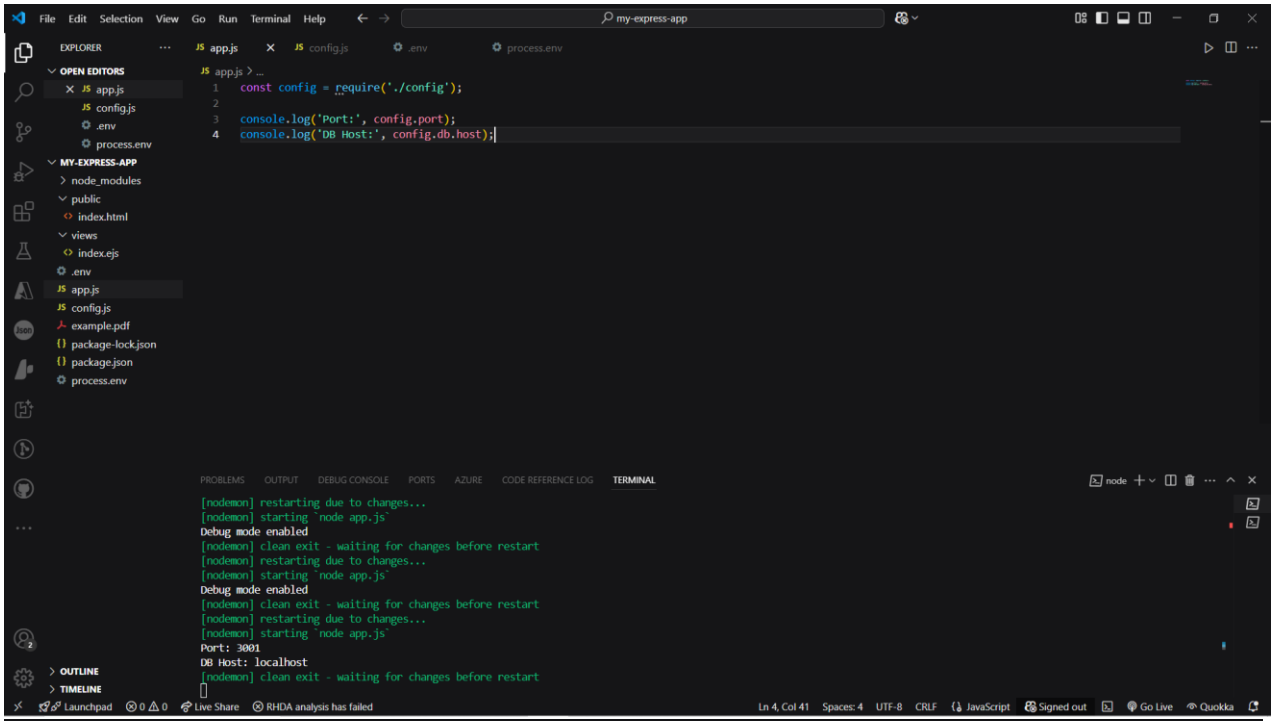


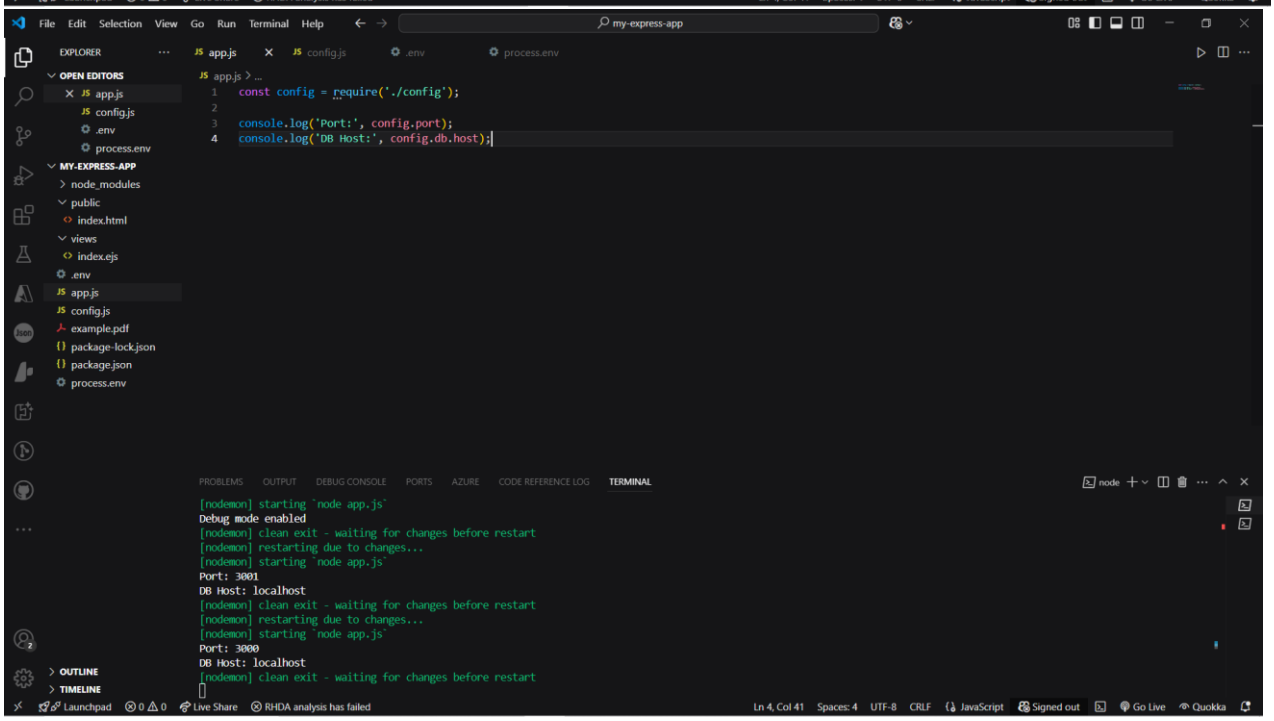
Environment Variables in Express.js

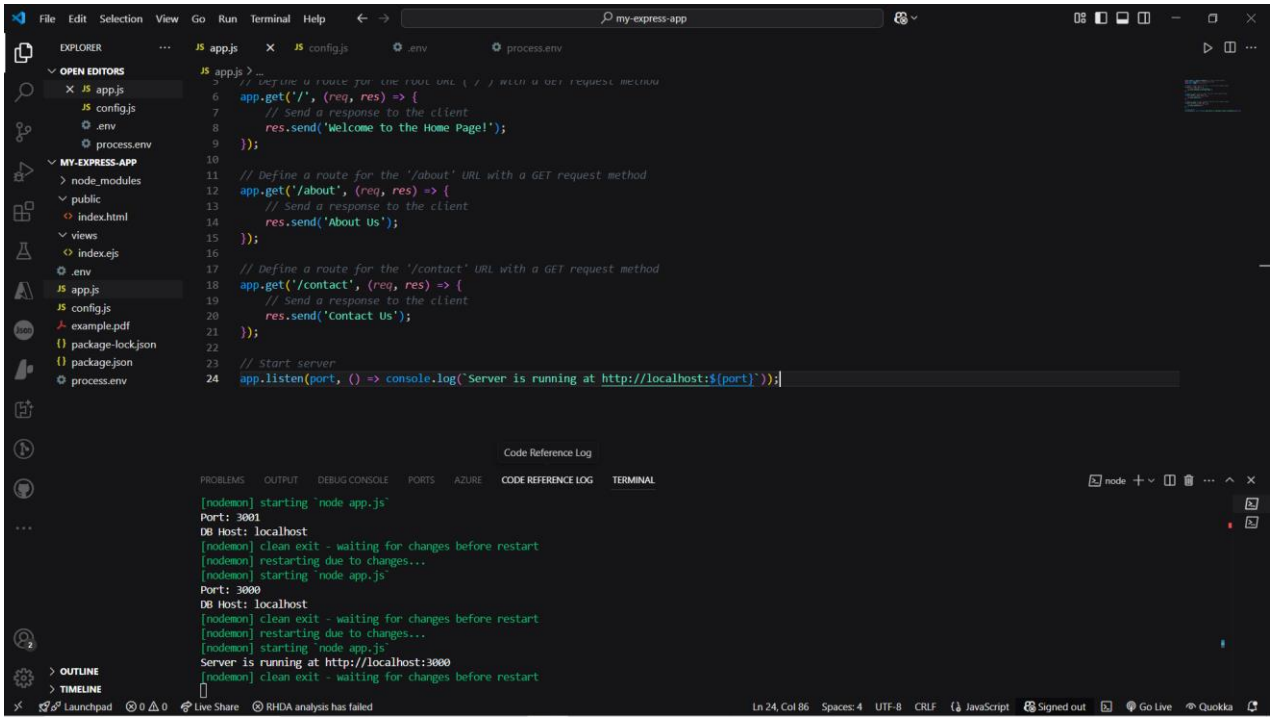


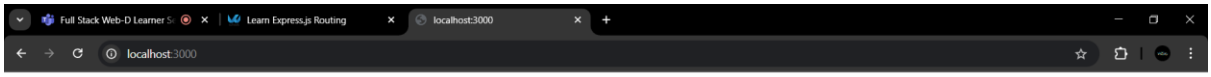

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
.env
process.env
OPEN EDITORS
app.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
example.pdf
package-lock.json
package.json
process.env
app.js > ...
1 const ENVIRONMENT = process.env.ENVIRONMENT || 'development';
2 if (ENVIRONMENT === 'development') {
3 console.log('Debug mode enabled');
4 } else {
5 console.log('Production mode active');
6 }
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] starting `node app.js`
Database Host: undefined
Environment Mode: undefined
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Database Host: undefined
Environment Mode: undefined
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 6, Col 2
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
app.js
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
config.js > ...
1 // config.js
2 require('dotenv').config(); 6.4k (gzipped: 2.8k)
3
4 module.exports = {
5 port: process.env.PORT || 3000,
6 environment: process.env.ENVIRONMENT || 'development',
7 db: {
8 host: process.env.DB_HOST || 'localhost',
9 user: process.env.DB_USER || 'root',
10 password: process.env.DB_PASSWORD || ''
11 }
12 };
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 12, Col 3
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

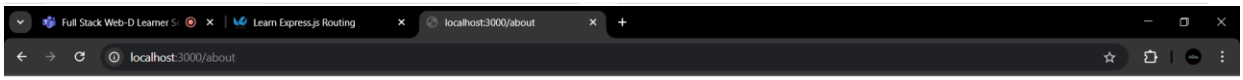

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
example.pdf
package-lock.json
package.json
1 const config = require('./config');
2
3 console.log('Port:', config.port);
4 console.log('DB Host:', config.db.host);
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Port: 3001
DB Host: localhost
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 4, Col 41
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
example.pdf
package-lock.json
package.json
1 const config = require('./config');
2
3 console.log('Port:', config.port);
4 console.log('DB Host:', config.db.host);
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
[nodemon] starting `node app.js`
Debug mode enabled
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Port: 3001
DB Host: localhost
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Port: 3000
DB Host: localhost
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 4, Col 41
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

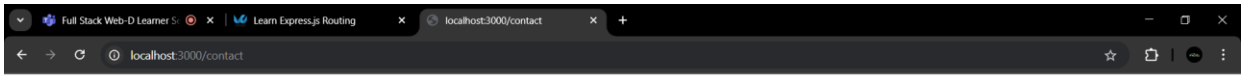

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
app.js
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
app.get('/', (req, res) => {
// Send a response to the client
res.send('Welcome to the Home Page!');
});
// Define a route for the '/about' URL with a GET request method
app.get('/about', (req, res) => {
// Send a response to the client
res.send('About Us');
});
// Define a route for the '/contact' URL with a GET request method
app.get('/contact', (req, res) => {
// Send a response to the client
res.send('Contact Us');
});
// Start server
app.listen(port, () => console.log(`Server is running at http://localhost:${port}`));
Code Reference Log
PROBLEMS
OUTPUT
DEBUG CONSOLE
PORTS
AZURE
CODE REFERENCE LOG
TERMINAL
node
[nodemon] starting `node app.js`
Port: 3001
DB Host: localhost
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Port: 3000
DB Host: localhost
[nodemon] clean exit - waiting for changes before restart
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server is running at http://localhost:3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
0 0
Live Share
RHDA analysis has failed
Ln 24, Col 86
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka



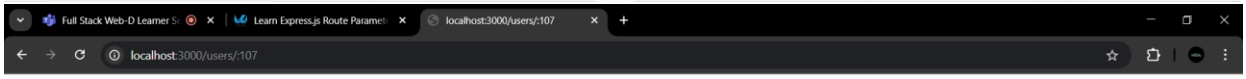
Welcome to the Home Page!



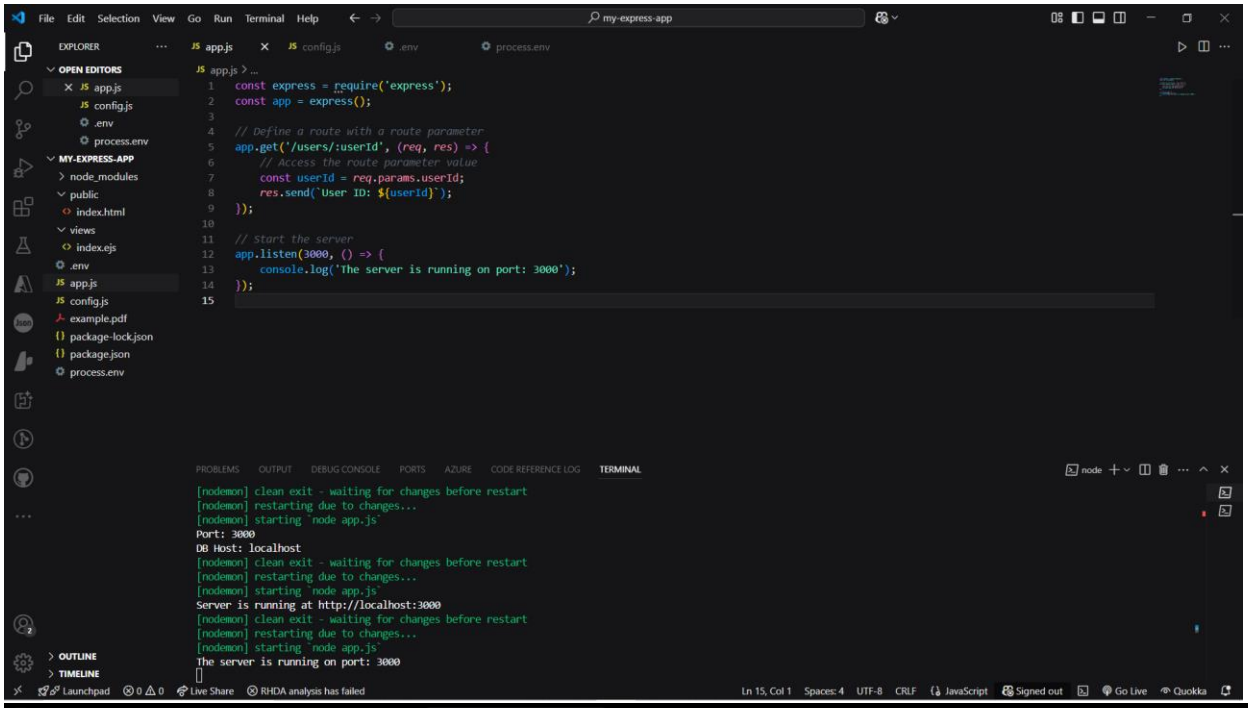
About Us

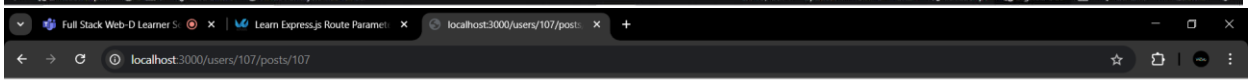


Contact Us

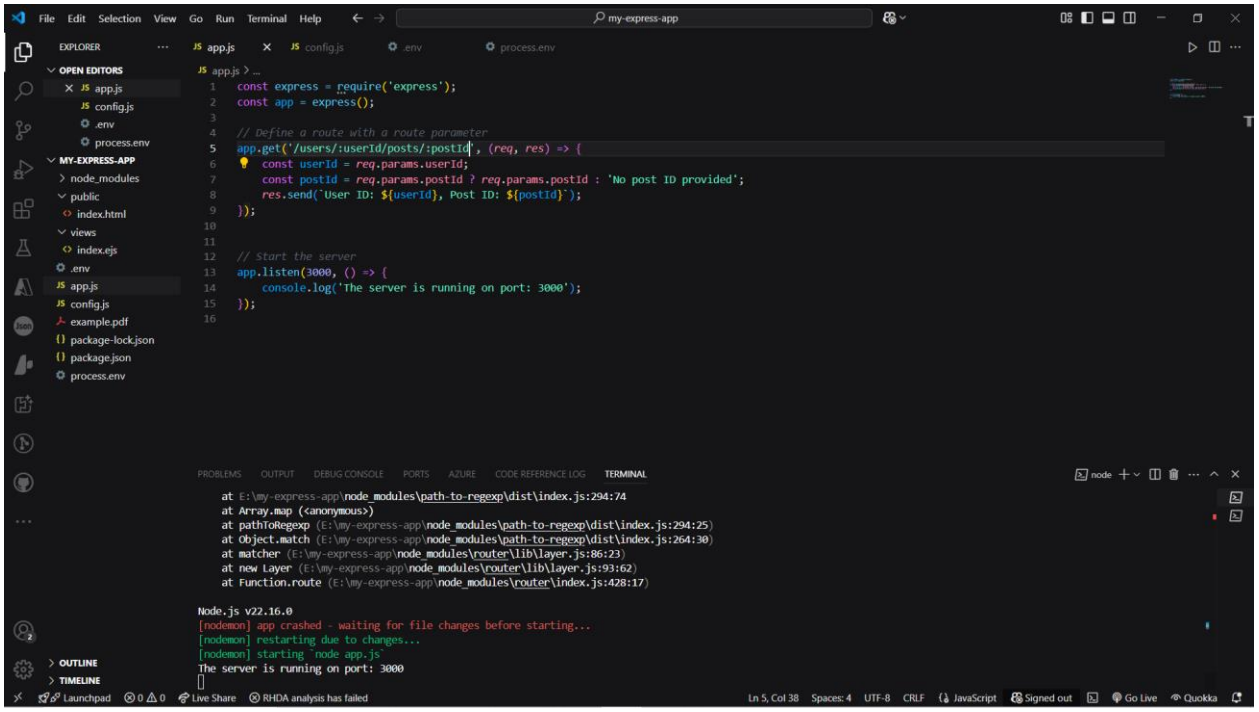


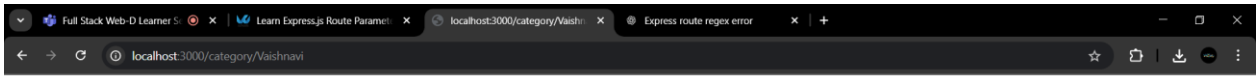
User ID: :107



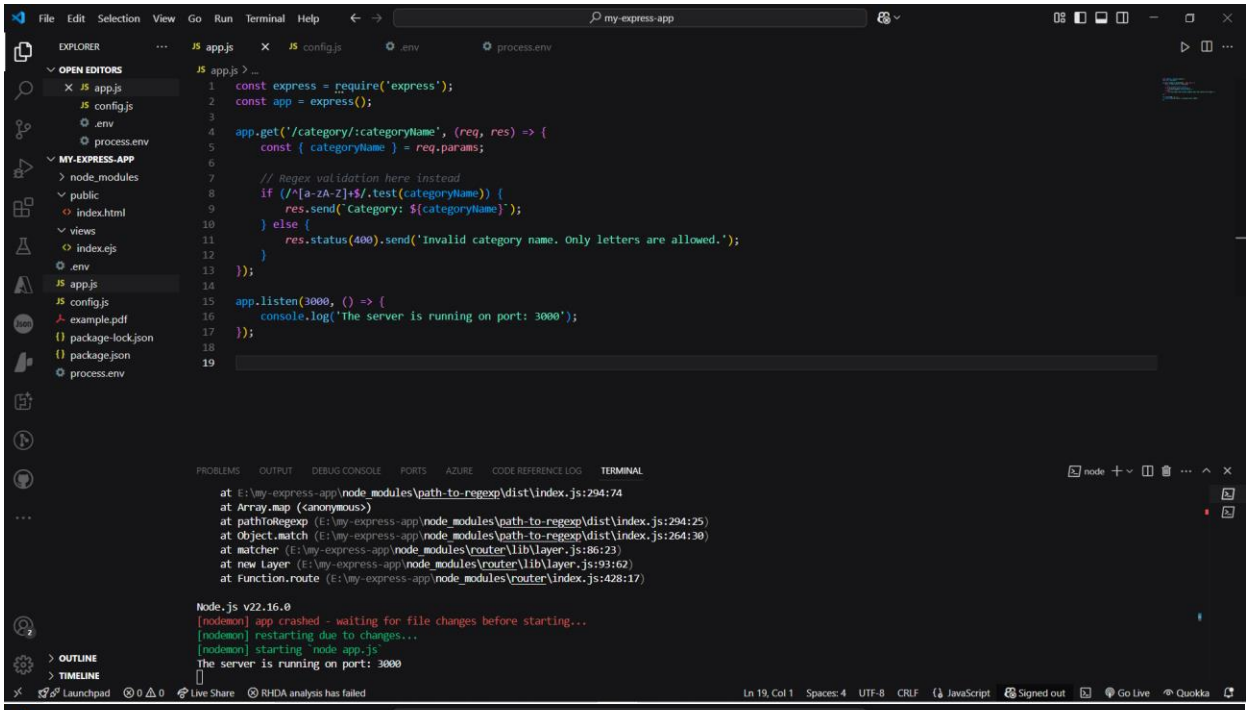


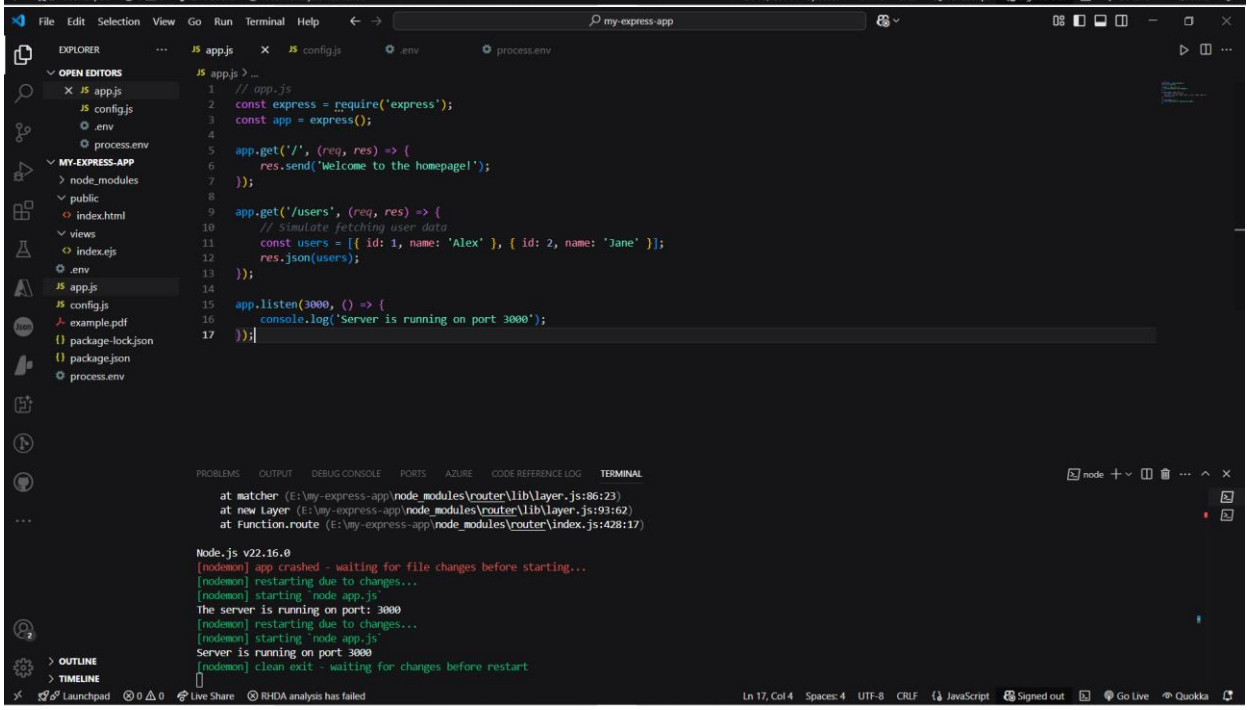
User ID: 107, Post ID: 107

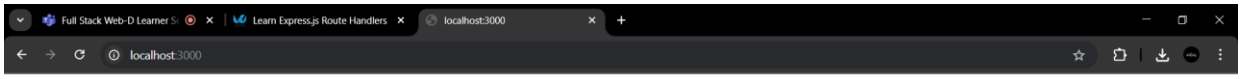




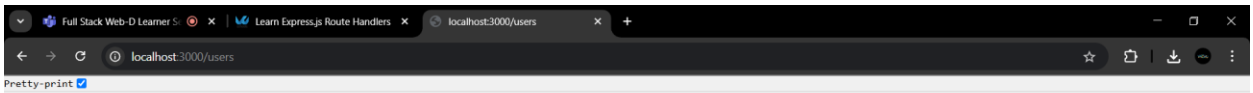
Category: Vaishnavi


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
example.pdf
package-lock.json
package.json
OUTLINE
TIMELINE
const express = require('express');
const app = express();
app.get('/category/:categoryName', (req, res) => {
const { categoryName } = req.params;
// Regex validation here instead
if (/^[a-zA-Z]+$/.test(categoryName)) {
res.send(`Category: ${categoryName}`);
} else {
res.status(400).send('Invalid category name. Only letters are allowed.');
}
});
app.listen(3000, () => {
console.log('The server is running on port: 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
at E:\my-express-app\node_modules\path-to-regexp\dist\index.js:294:74
at Array.map (<anonymous>)
at pathToRegexp (E:\my-express-app\node_modules\path-to-regexp\dist\index.js:294:25)
at Object.match (E:\my-express-app\node_modules\path-to-regexp\dist\index.js:264:30)
at matcher (E:\my-express-app\node_modules\router\lib\layer.js:86:23)
at new Layer (E:\my-express-app\node_modules\router\lib\layer.js:93:62)
at Function.route (E:\my-express-app\node_modules\router\index.js:428:17)
Node.js v22.16.0
[nodemon] app crashed - waiting for file changes before starting...
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
The server is running on port: 3000
Launchpad
Live Share
RHDA analysis has failed
Ln 19, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
example.pdf
package-lock.json
package.json
OUTLINE
TIMELINE
// app.js
const express = require('express');
const app = express();
app.get('/', (req, res) => {
res.send('Welcome to the homepage!');
});
app.get('/users', (req, res) => {
// Simulate fetching user data
const users = [{ id: 1, name: 'Alex' }, { id: 2, name: 'Jane' }];
res.json(users);
});
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
at matcher (E:\my-express-app\node_modules\router\lib\layer.js:86:23)
at new Layer (E:\my-express-app\node_modules\router\lib\layer.js:93:62)
at Function.route (E:\my-express-app\node_modules\router\index.js:428:17)
Node.js v22.16.0
[nodemon] app crashed - waiting for file changes before starting...
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
The server is running on port: 3000
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
Launchpad
Live Share
RHDA analysis has failed
Ln 17, Col 4
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

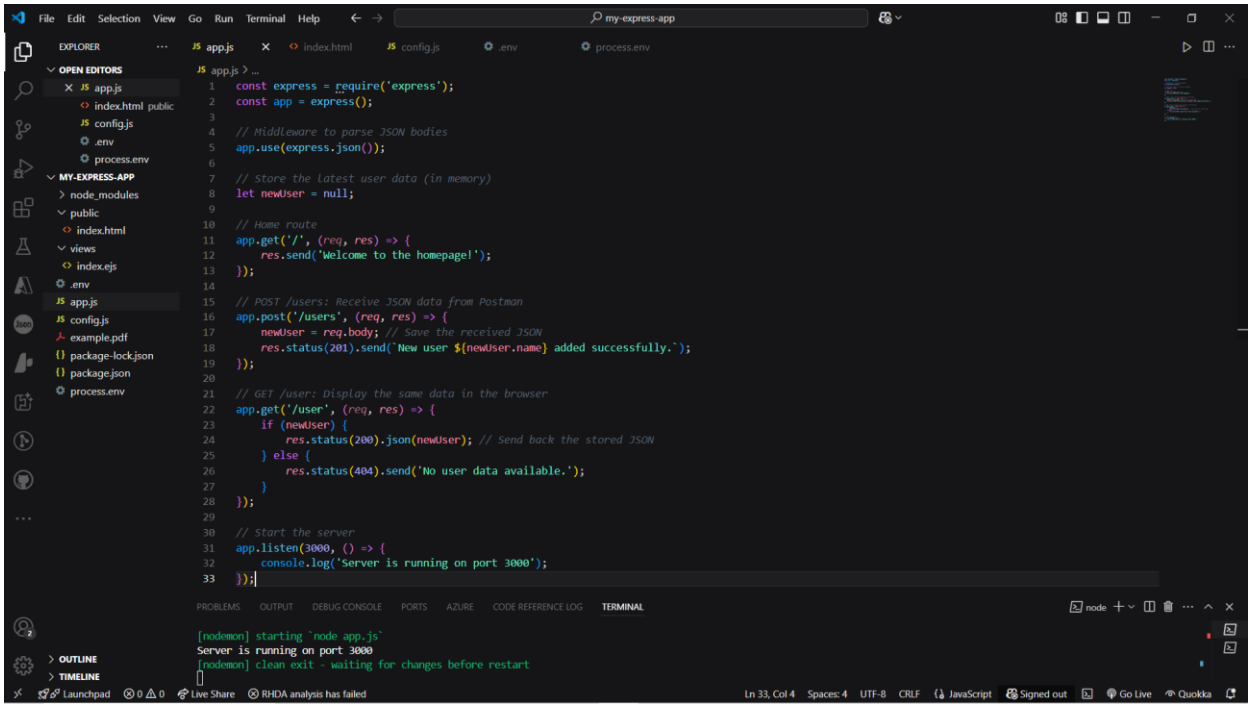


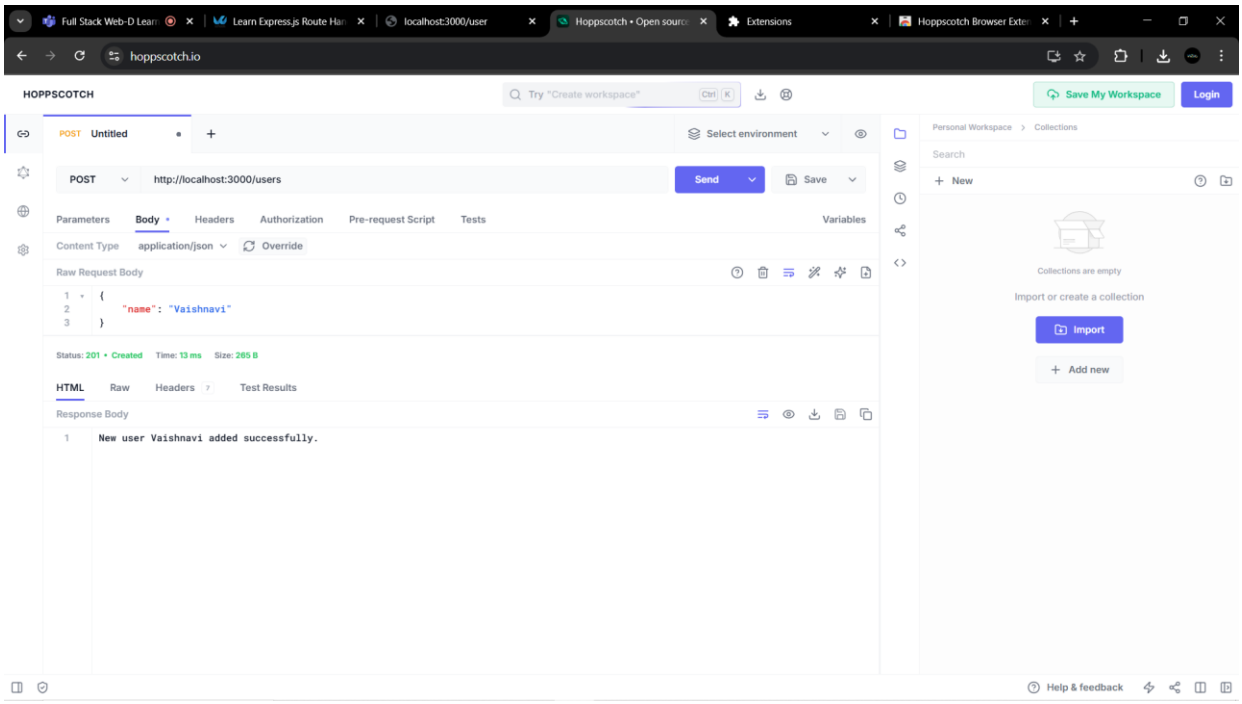
Welcome to the homepage!

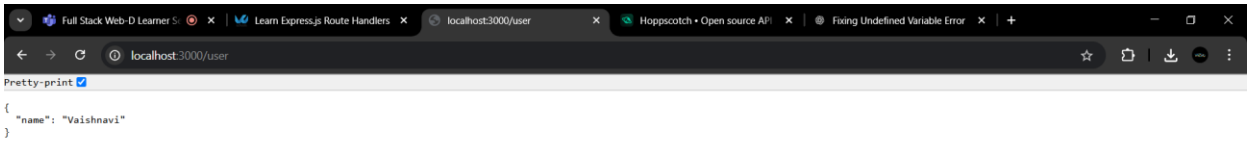


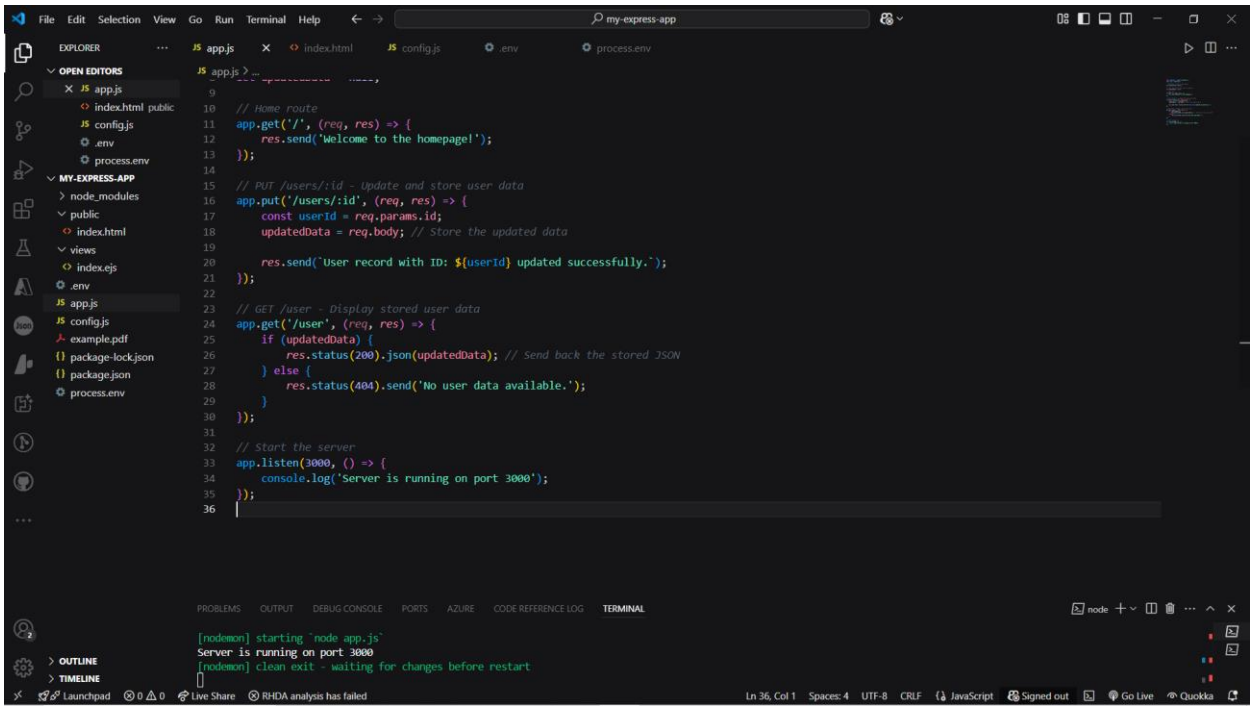
Pretty-print

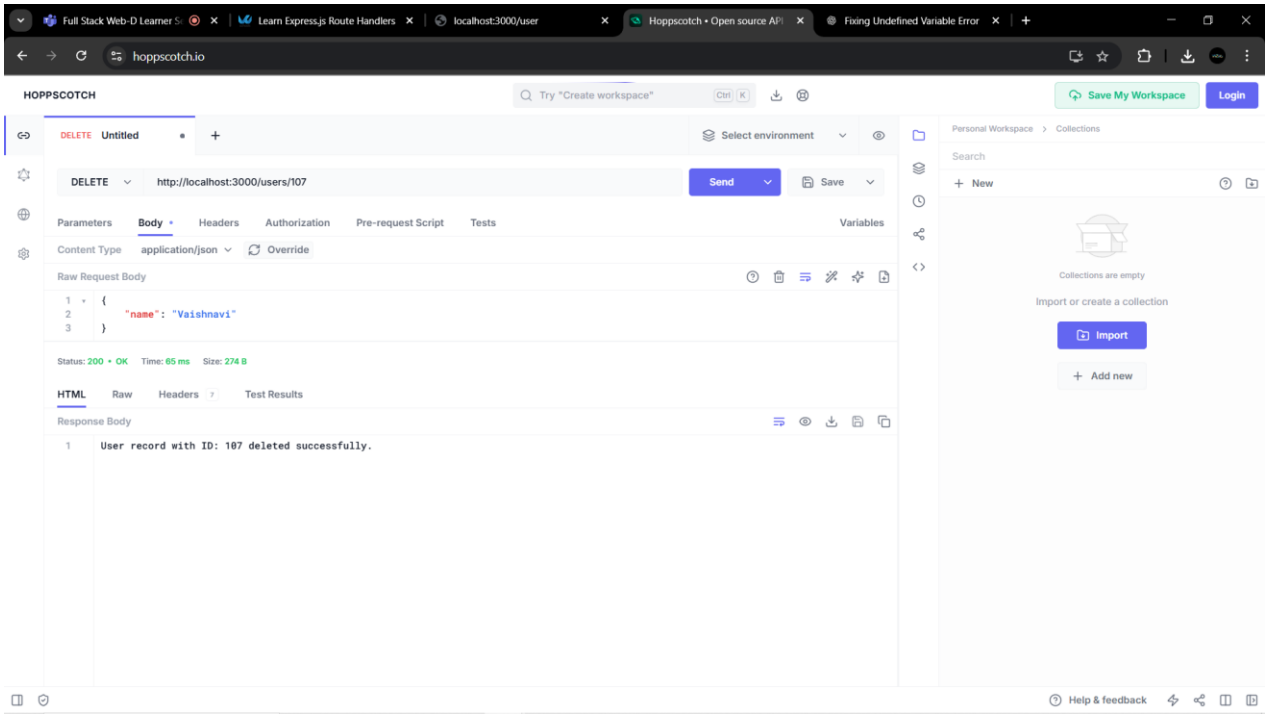

```
[
  {
    "id": 1,
    "name": "Alex"
  },
  {
    "id": 2,
    "name": "Jane"
  }
]
```

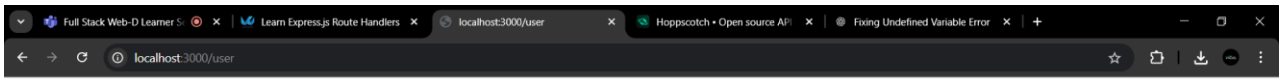

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
OUTLINE
TIMELINE
app.js > ...
const express = require('express');
const app = express();
// Middleware to parse JSON bodies
app.use(express.json());
// Store the latest user data (in memory)
let newUser = null;
// Home route
app.get('/', (req, res) => {
res.send('Welcome to the homepage!');
});
// POST /users: Receive JSON data from Postman
app.post('/users', (req, res) => {
newUser = req.body; // Save the received JSON
res.status(201).send(`New user ${newUser.name} added successfully.`);
});
// GET /user: Display the same data in the browser
app.get('/user', (req, res) => {
if (newUser) {
res.status(200).json(newUser); // Send back the stored JSON
} else {
res.status(404).send('No user data available.');
}
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
Launchpad
Live Share
RHDA analysis has failed
Ln 33, Col 4 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka


hoppscotch.io
HOPPSCOTCH
Try "Create workspace"
Save My Workspace
Login
POST Untitled
Select environment
POST
http://localhost:3000/users
Send
Save
Parameters
Body
Headers
Authorization
Pre-request Script
Tests
Variables
Content Type
application/json
Override
Raw Request Body
{
"name": "Vaishnavi"
}
Status: 201 • Created
Time: 13 ms
Size: 265 B
HTML
Raw
Headers
Test Results
Response Body
New user Vaishnavi added successfully.
Personal Workspace > Collections
Search
New
Collections are empty
Import or create a collection
Import
Add new
Help & feedback

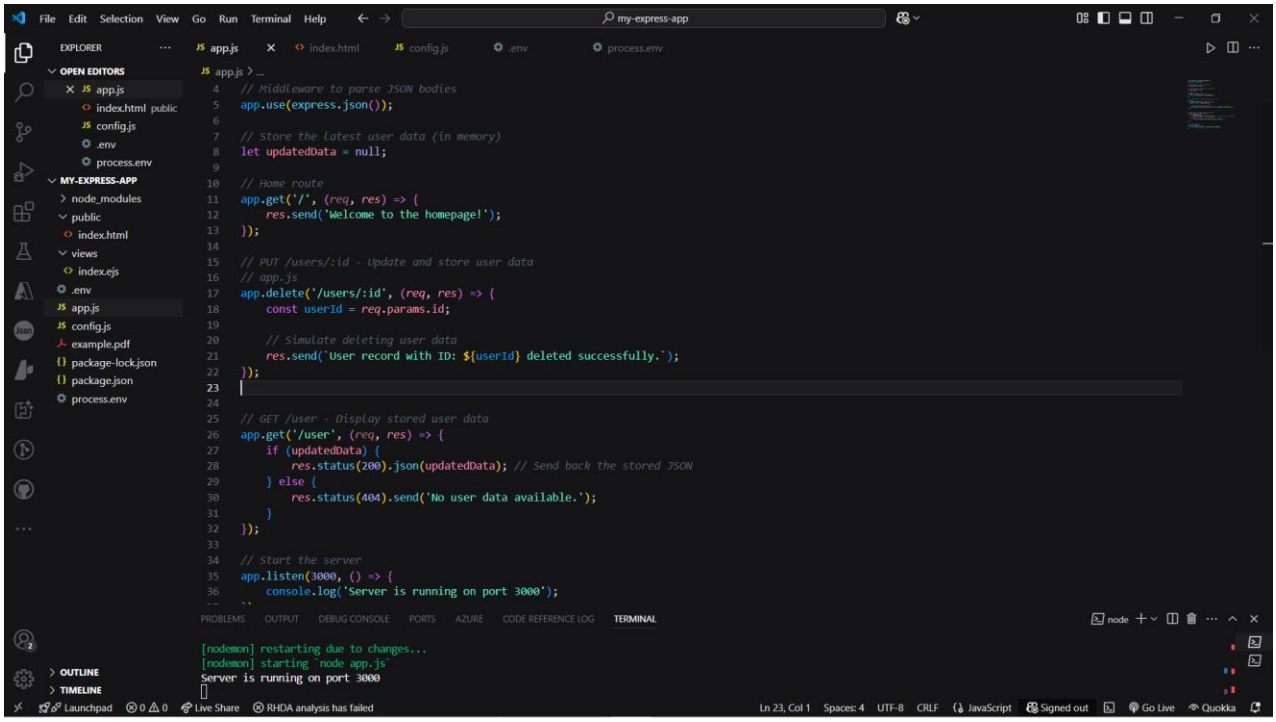

Full Stack Web-D Learner
Learn Express.js Route Handlers
localhost:3000/user
Hoppscotch • Open source API
Fixing Undefined Variable Error
localhost:3000/user
Pretty-print
{
"name": "Vaishnavi"
}


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
app.js
index.html
config.js
.env
process.env
// Home route
app.get('/', (req, res) => {
res.send('Welcome to the homepage!');
});
// PUT /users/:id - Update and store user data
app.put('/users/:id', (req, res) => {
const userId = req.params.id;
updatedData = req.body; // Store the updated data
res.send(`User record with ID: ${userId} updated successfully.`);
});
// GET /user - Display stored user data
app.get('/user', (req, res) => {
if (updatedData) {
res.status(200).json(updatedData); // Send back the stored JSON
} else {
res.status(404).send('No user data available.');
}
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 36, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka





No user data available.


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.html
config.js
.env
process.env
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
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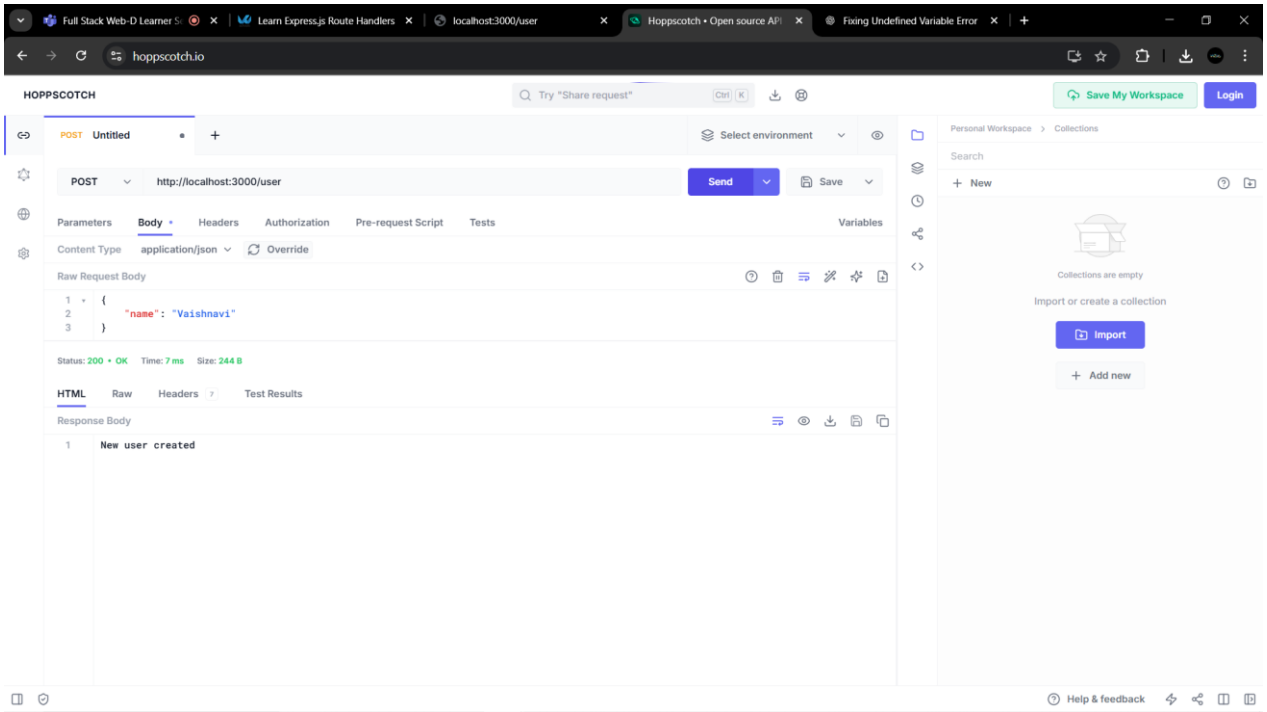
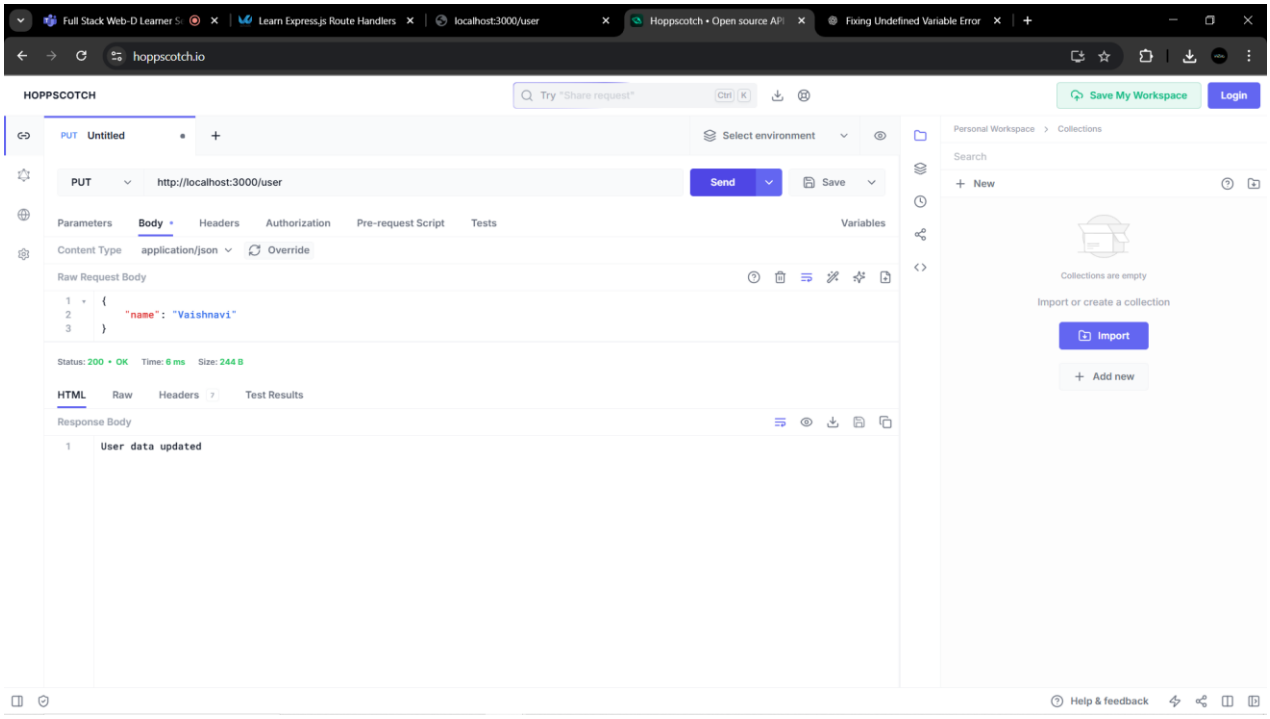
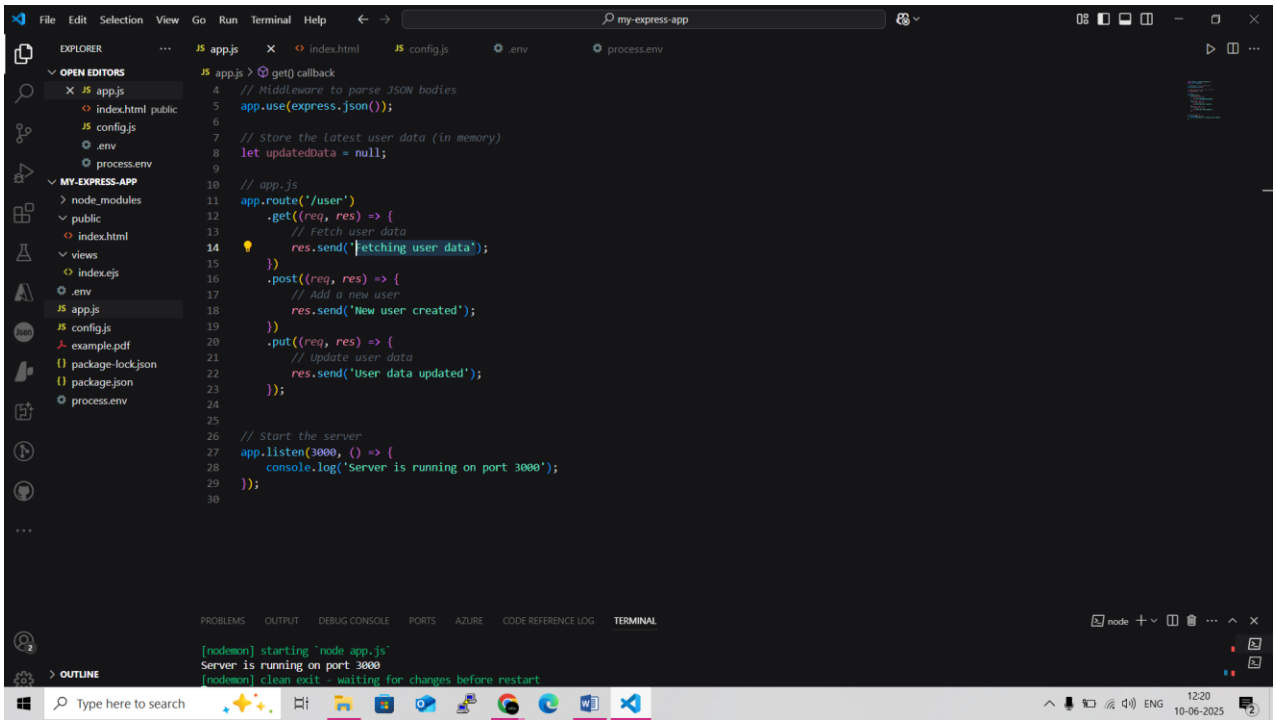
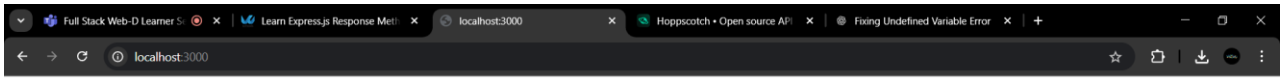
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
OUTLINE
TIMELINE
app.js > ...
// Middleware to parse JSON bodies
app.use(express.json());
// Store the latest user data (in memory)
let updatedData = null;
// Home route
app.get('/', (req, res) => {
res.send('Welcome to the homepage!');
});
// PUT /users/:id - Update and store user data
// app.js
app.delete('/users/:id', (req, res) => {
const userId = req.params.id;
// Simulate deleting user data
res.send(`User record with ID: ${userId} deleted successfully.`);
});
// GET /user - Display stored user data
app.get('/user', (req, res) => {
if (updatedData) {
res.status(200).json(updatedData); // Send back the stored JSON
} else {
res.status(404).send('No user data available.');
}
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server is running on port 3000
Launchpad
Live Share
RHDA analysis has failed
Ln 23, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

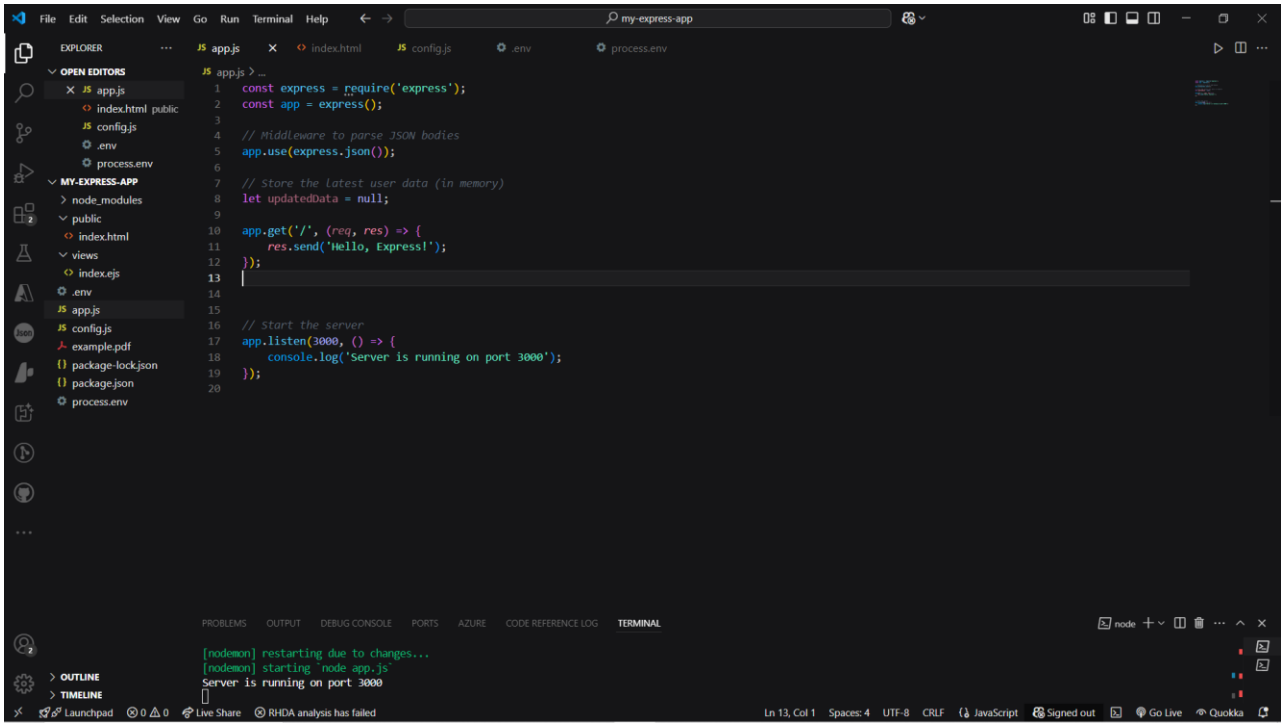

Full Stack Web-D Learner
Learn Express.js Route Handlers
localhost:3000/user
Hoppscotch • Open source API
Fixing Undefined Variable Error
hoppscotch.io
HOPPSCOTCH
Try "Share request"
Save My Workspace
Login
POST Untitled
Select environment
POST
http://localhost:3000/user
Send
Save
Parameters
Body
Headers
Authorization
Pre-request Script
Tests
Variables
Content Type
application/json
Override
Raw Request Body
{
"name": "Vaishnavi"
}
Status: 200 • OK
Time: 7 ms
Size: 244 B
HTML
Raw
Headers
Test Results
Response Body
New user created
Personal Workspace
Collections
Search
New
Collections are empty
Import or create a collection
Import
Add new
Help & feedback

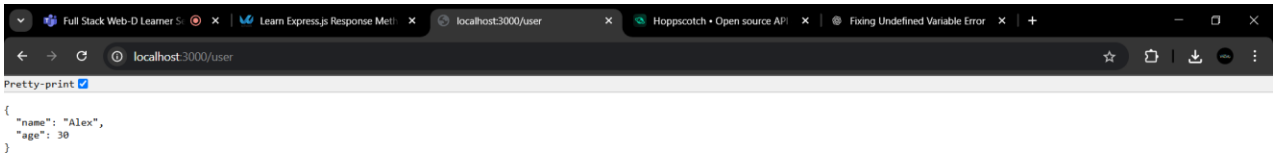

Full Stack Web-D Learner
Learn Express.js Route Handlers
localhost:3000/user
Hoppscotch • Open source API
Fixing Undefined Variable Error
hoppscotch.io
HOPPSCOTCH
Try "Share request"
Save My Workspace
Login
PUT Untitled
Select environment
PUT
http://localhost:3000/user
Send
Save
Parameters
Body
Headers
Authorization
Pre-request Script
Tests
Variables
Content Type
application/json
Override
Raw Request Body
{
"name": "Vaishnavi"
}
Status: 200 • OK
Time: 6 ms
Size: 244 B
HTML
Raw
Headers
Test Results
Response Body
User data updated
Personal Workspace
Collections
Search
New
Collections are empty
Import or create a collection
Import
Add new
Help & feedback

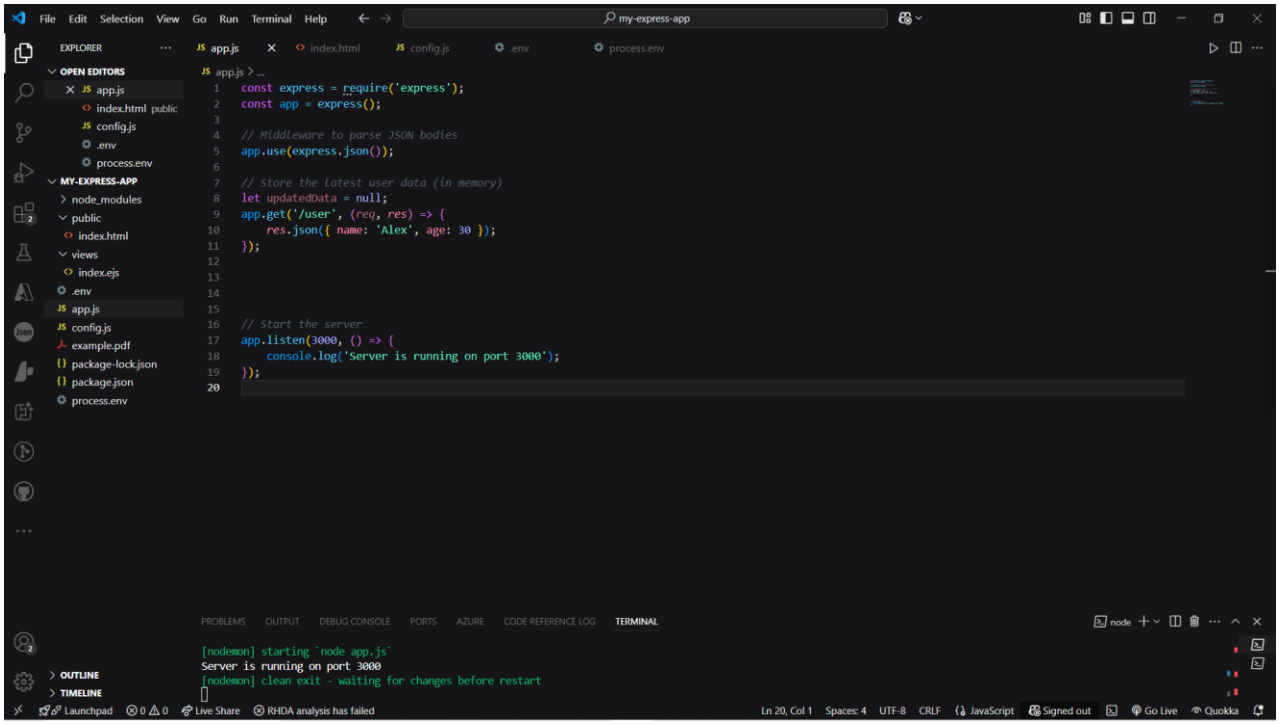

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
OUTLINE
app.js > get() callback
// Middleware to parse JSON bodies
app.use(express.json());
// Store the latest user data (in memory)
let updatedData = null;
// app.js
app.route('/user')
.get((req, res) => {
// Fetch user data
res.send('Fetching user data');
})
.post((req, res) => {
// Add a new user
res.send('New user created');
})
.put((req, res) => {
// Update user data
res.send('User data updated');
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS
OUTPUT
DEBUG CONSOLE
PORTS
AZURE
CODE REFERENCE LOG
TERMINAL
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
Type here to search
ENG
12:20
10-06-2025

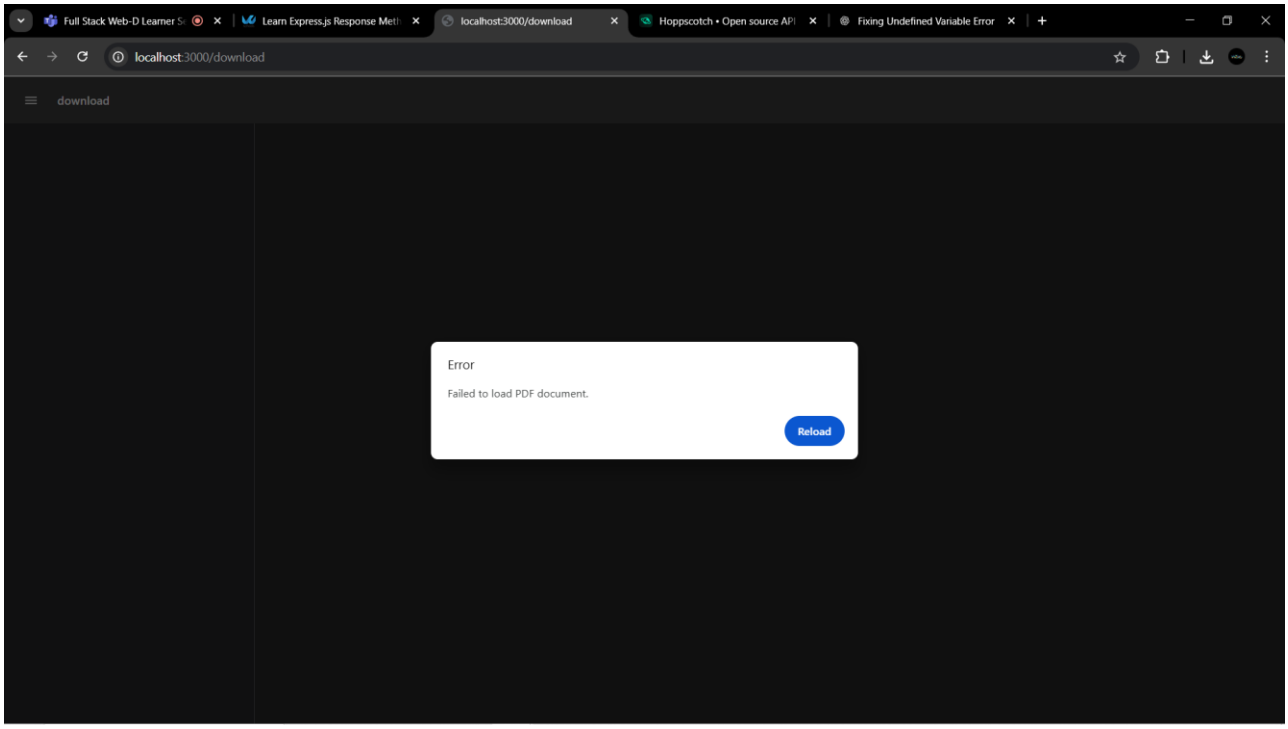


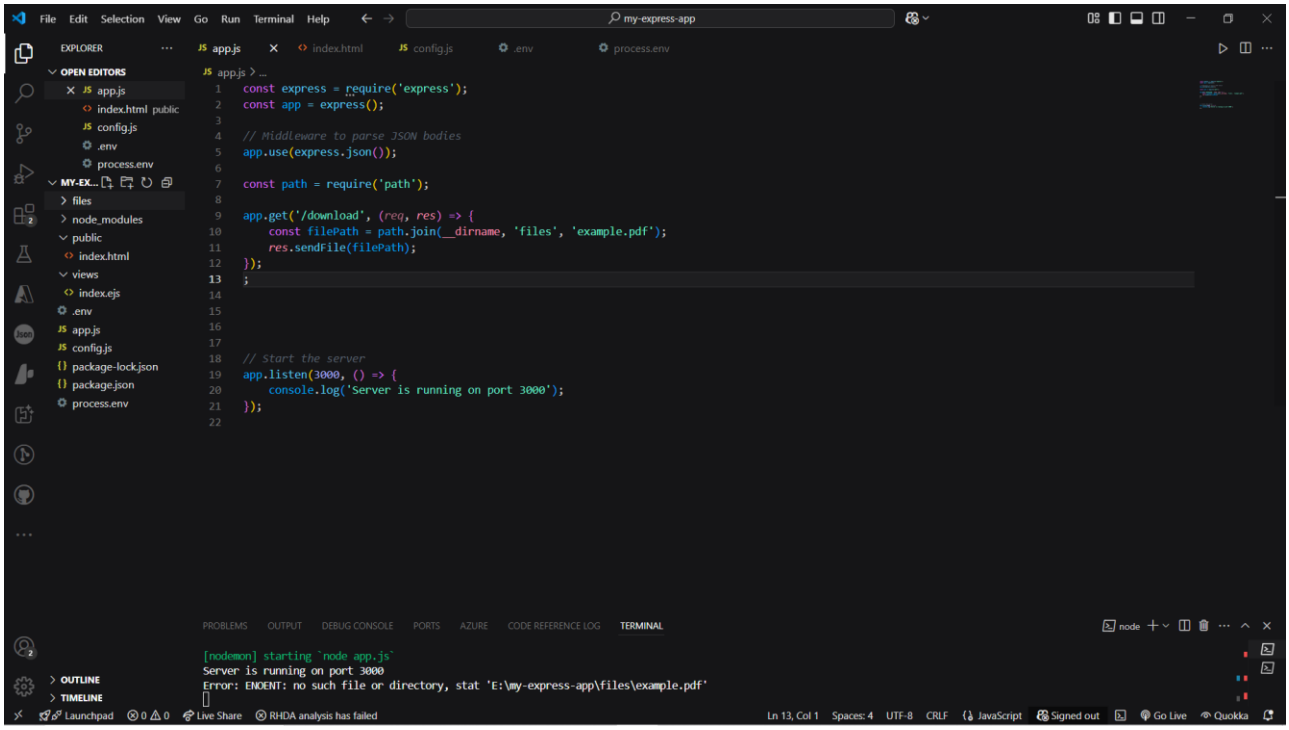
Hello, Express!

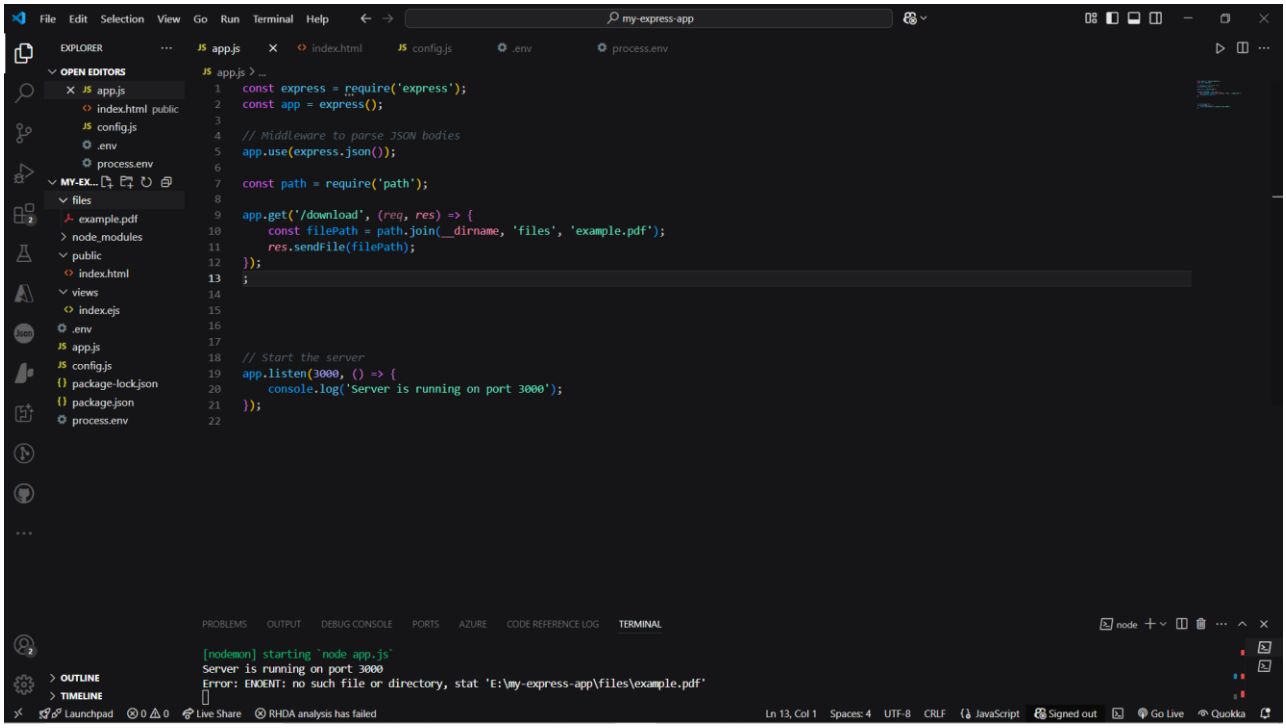


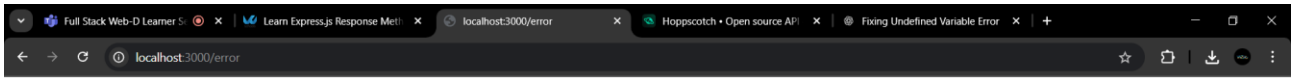

Full Stack Web-D Learner
Learn Express.js Response Meth
localhost:3000/user
Hoppscotch • Open source API
Fixing Undefined Variable Error
localhost:3000/user
Pretty-print
{
"name": "Alex",
"age": 30
}


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
example.pdf
package-lock.json
package.json
process.env
app.js
index.html
config.js
.env
process.env
app.js > ...
const express = require('express');
const app = express();
// Middleware to parse JSON bodies
app.use(express.json());
// Store the latest user data (in memory)
let updatedData = null;
app.get('/user', (req, res) => {
res.json({ name: 'Alex', age: 30 });
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 20, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

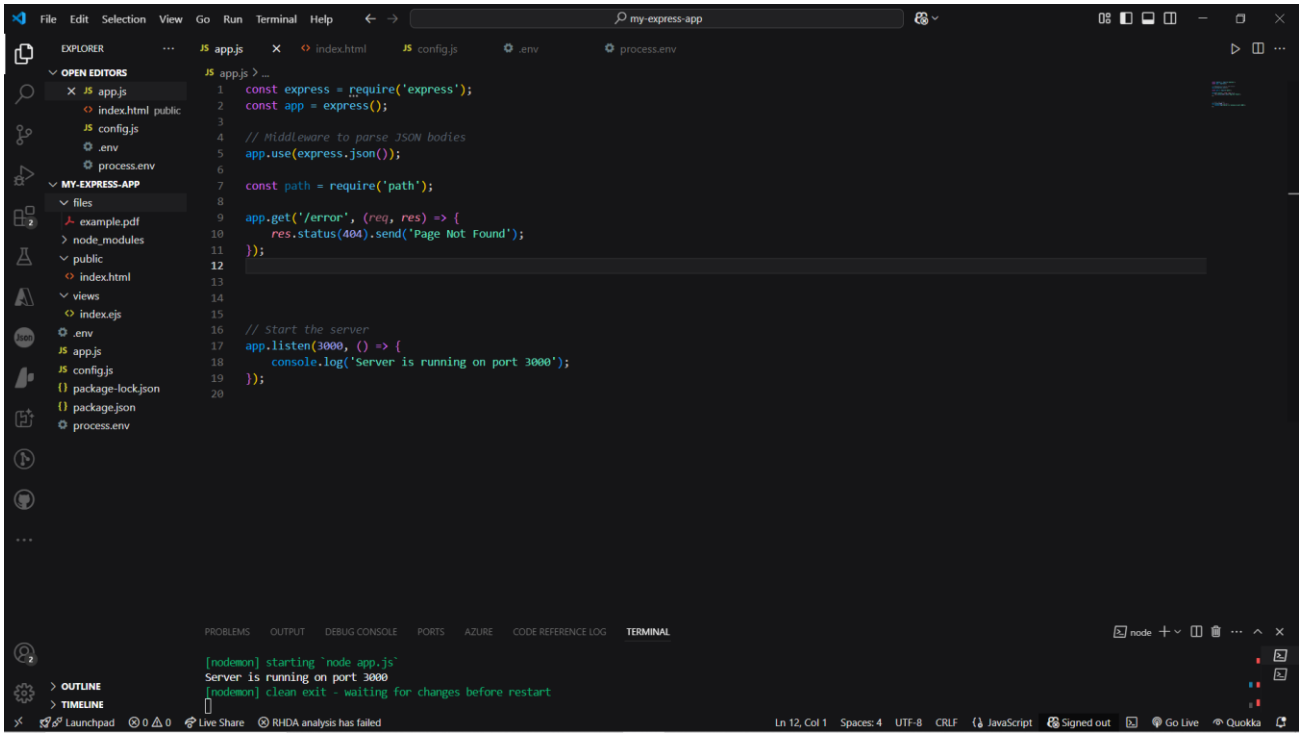

Full Stack Web-D Learner S
Learn Express.js Response Meth
localhost:3000/download
Hoppscotch • Open source API
Fixing Undefined Variable Error
localhost:3000/download
download
Error
Failed to load PDF document.
Reload


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EX...
files
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
app.js
index.html
config.js
.env
process.env
app.js > ...
const express = require('express');
const app = express();
// Middleware to parse JSON bodies
app.use(express.json());
const path = require('path');
app.get('/download', (req, res) => {
const filePath = path.join(__dirname, 'files', 'example.pdf');
res.sendFile(filePath);
});
;
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS
OUTPUT
DEBUG CONSOLE
PORTS
AZURE
CODE REFERENCE LOG
TERMINAL
node
[nodemon] starting `node app.js`
Server is running on port 3000
Error: ENOENT: no such file or directory, stat 'E:\my-express-app\files\example.pdf'
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 13, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka





Page Not Found


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.html
config.js
.env
process.env
OPEN EDITORS
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index.html public
config.js
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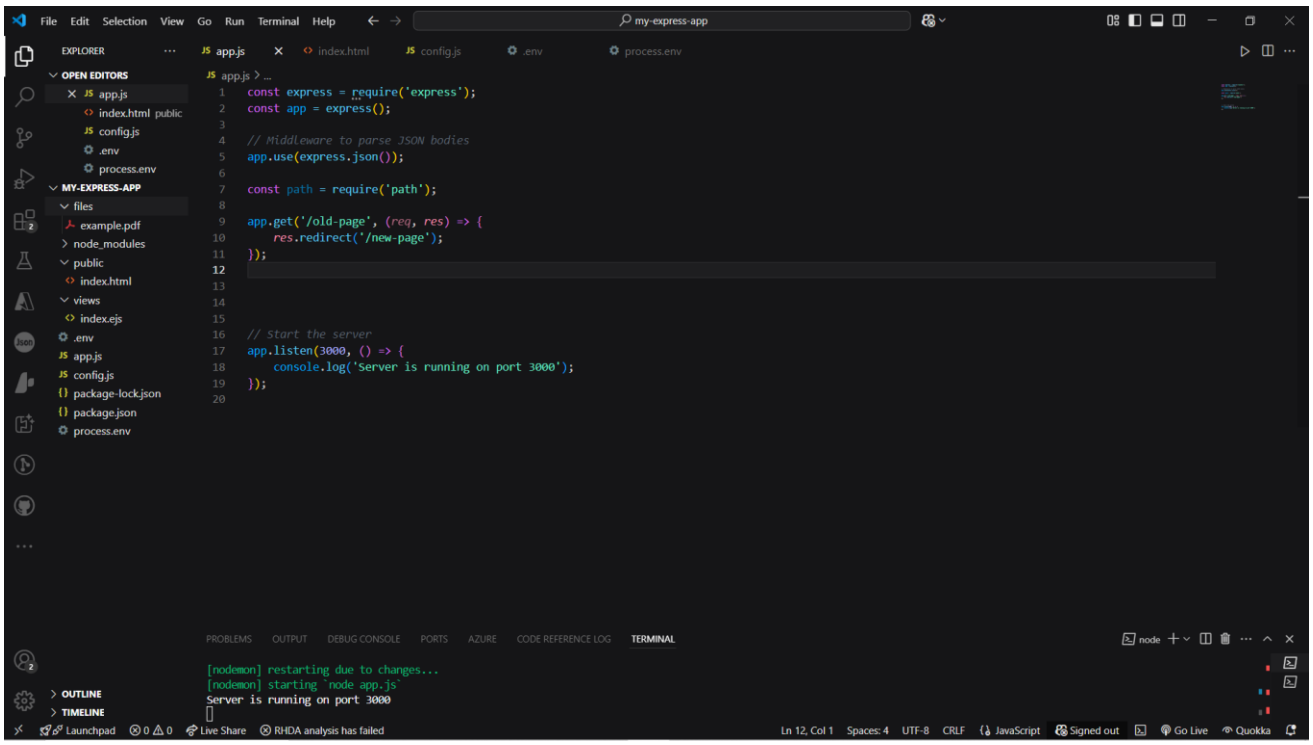
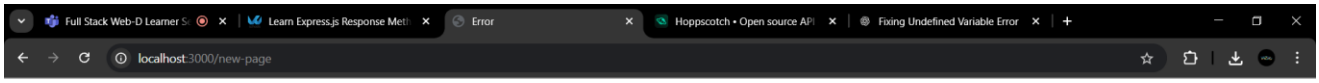
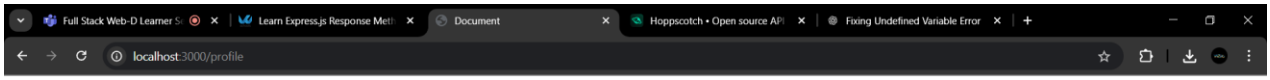
process.env
MY-EXPRESS-APP
files
example.pdf
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
1 const express = require('express');
2 const app = express();
3
4 // Middleware to parse JSON bodies
5 app.use(express.json());
6
7 const path = require('path');
8
9 app.get('/error', (req, res) => {
10 res.status(404).send('Page Not Found');
11 });
12
16 // Start the server
17 app.listen(3000, () => {
18 console.log('Server is running on port 3000');
19 });
20
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad 0 0 Live Share RHDA analysis has failed
Ln 12, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka

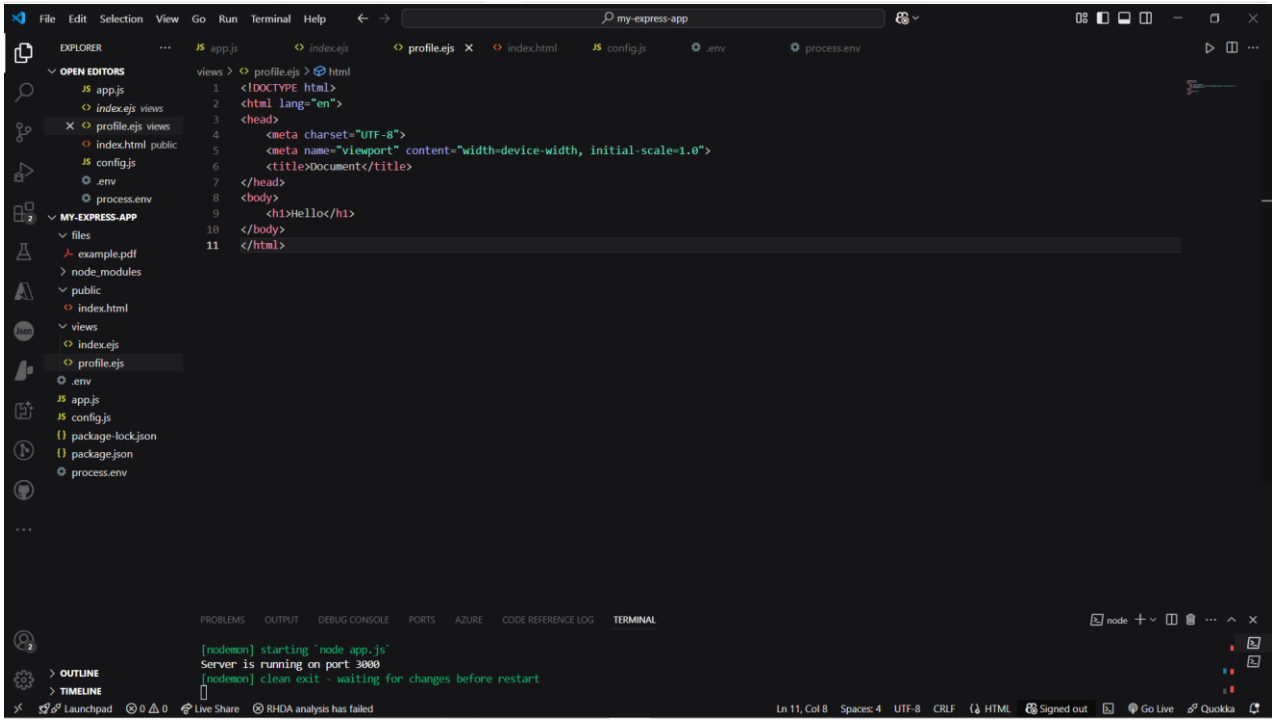

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.html
config.js
.env
process.env
OPEN EDITORS
app.js
index.html public
config.js
.env
process.env
MY-EXPRESS-APP
files
example.pdf
node_modules
public
index.html
views
index.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
1 const express = require('express');
2 const app = express();
3
4 // Middleware to parse JSON bodies
5 app.use(express.json());
6
7 const path = require('path');
8
9 app.get('/old-page', (req, res) => {
10 res.redirect('/new-page');
11 });
12
16 // Start the server
17 app.listen(3000, () => {
18 console.log('Server is running on port 3000');
19 });
20
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server is running on port 3000
OUTLINE
TIMELINE
Launchpad 0 0 Live Share RHDA analysis has failed
Ln 12, Col 1 Spaces: 4 UTF-8 CRLF JavaScript Signed out Go Live Quokka

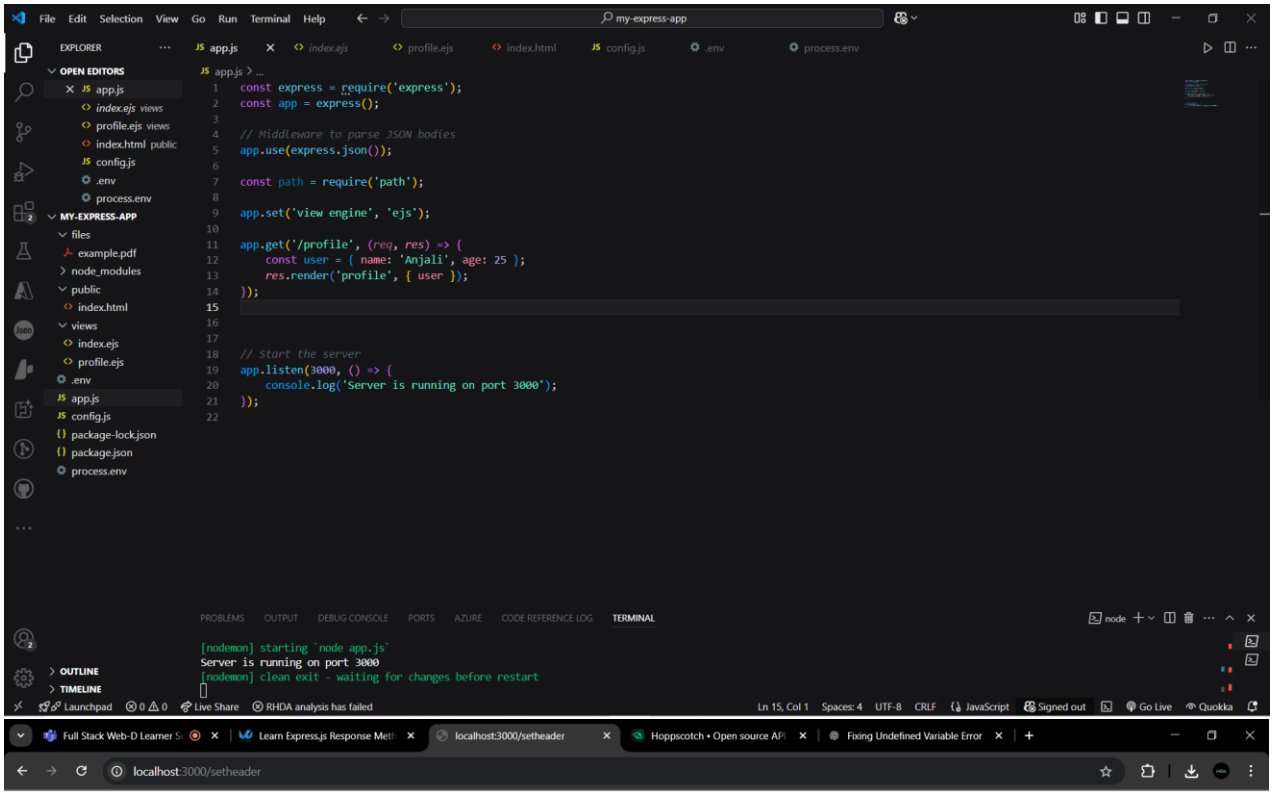


Cannot GET /new-page


Full Stack Web-D Learner
Learn Express.js Response Meth
Document
Hoppscotch • Open source API
Fixing Undefined Variable Error
localhost:3000/profile

Hello


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.ejs
profile.ejs
index.html
config.js
.env
process.env
views > profile.ejs > html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<h1>Hello</h1>
</body>
</html>
OPEN EDITORS
MY-EXPRESS-APP
files
example.pdf
node_modules
public
views
package-lock.json
package.json
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 11, Col 8
Spaces: 4
UTF-8
CRLF
HTML
Signed out
Go Live
Quokka


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
app.js
index.ejs views
profile.ejs views
index.html public
config.js
.env
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profile.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
app.js
index.ejs
profile.ejs
index.html
config.js
.env
process.env
app.js > ...
const express = require('express');
const app = express();
// Middleware to parse JSON bodies
app.use(express.json());
const path = require('path');
app.set('view engine', 'ejs');
app.get('/profile', (req, res) => {
const user = { name: 'Anjali', age: 25 };
res.render('profile', { user });
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS
OUTPUT
DEBUG CONSOLE
PORTS
AZURE
CODE REFERENCE LOG
TERMINAL
node
[nodemon] starting `node app.js`
Server is running on port 3000
[nodemon] clean exit - waiting for changes before restart
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 15, Col 1
Spaces: 4
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CRLF
JavaScript
Signed out
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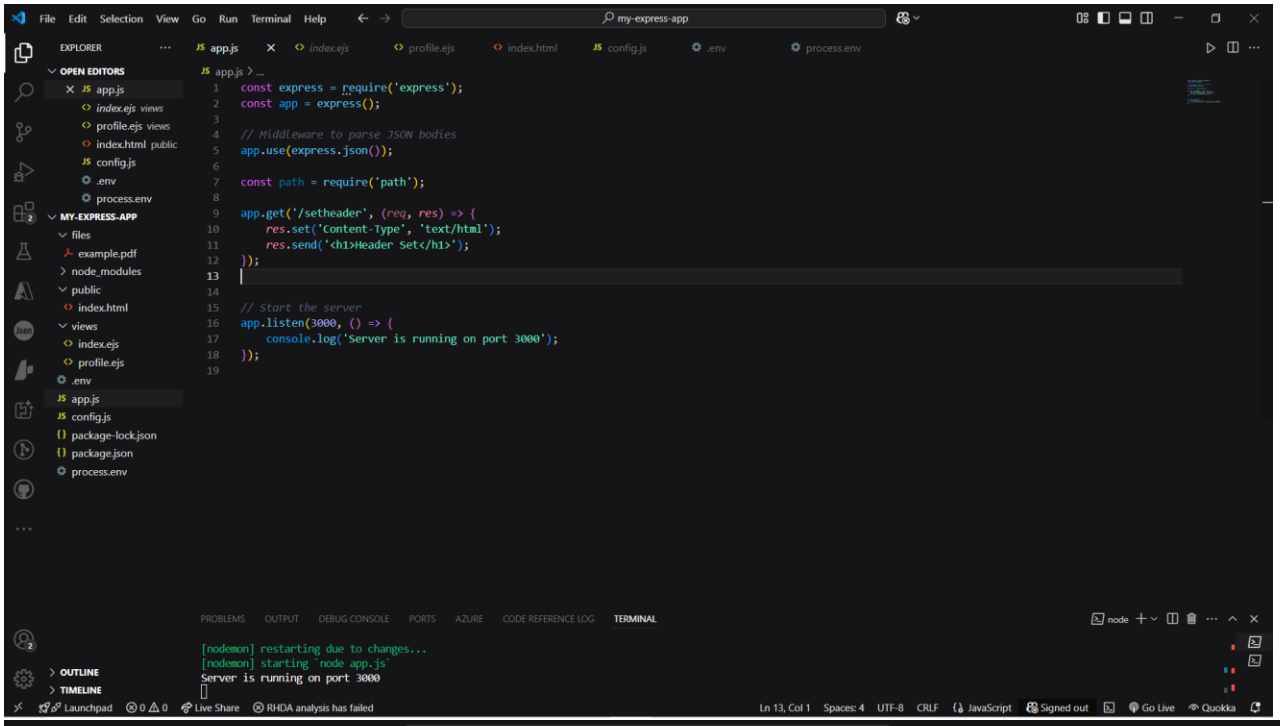
Quokka
Full Stack Web-D Learner
Learn Express.js Response Meth
localhost:3000/setheader
Hoppscotch • Open source API
Fixing Undefined Variable Error
localhost:3000/setheader

Header Set


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
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profile.ejs
index.html
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
files
example.pdf
node_modules
public
views
package-lock.json
package.json
const express = require('express');
const app = express();
// Middleware to parse JSON bodies
app.use(express.json());
const path = require('path');
app.get('/setheader', (req, res) => {
res.set('Content-Type', 'text/html');
res.send('<h1>Header Set</h1>');
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
[nodemon] restarting due to changes...
[nodemon] starting `node app.js`
Server is running on port 3000
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 13, Col 1
Spaces: 4
UTF-8
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Signed out
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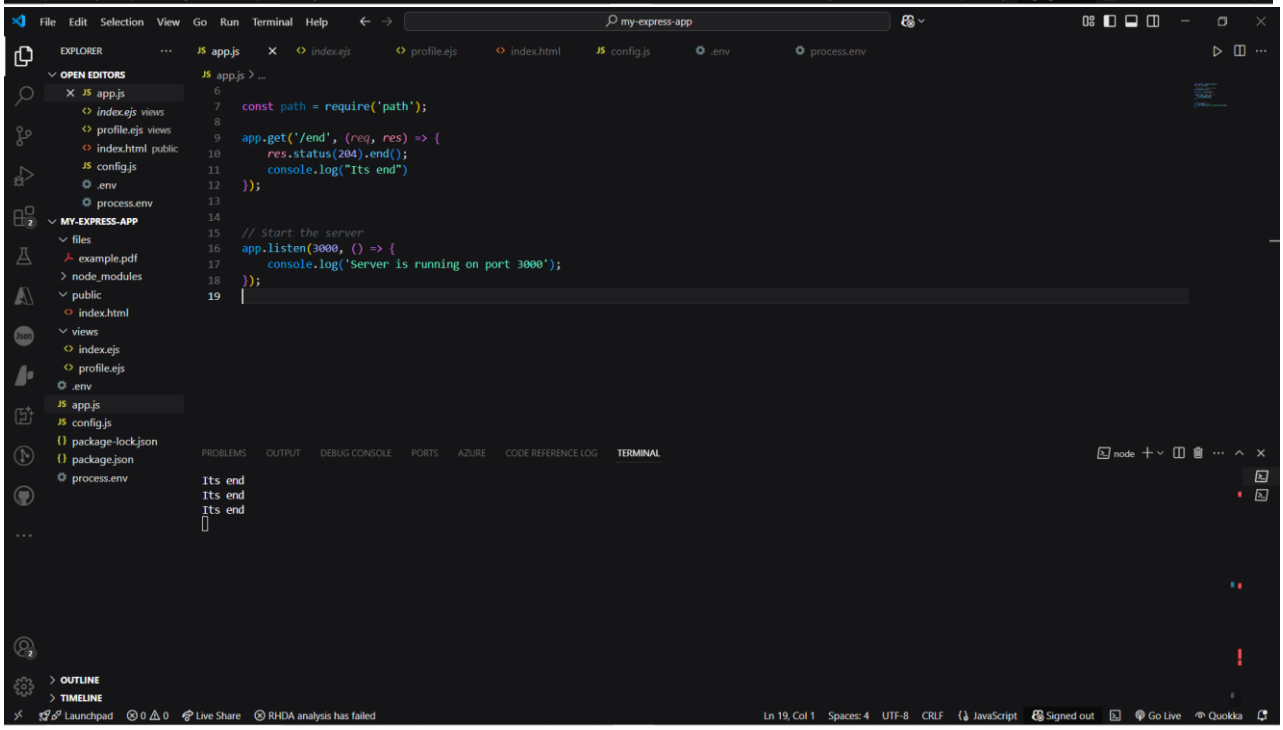
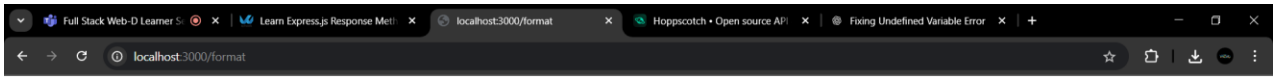
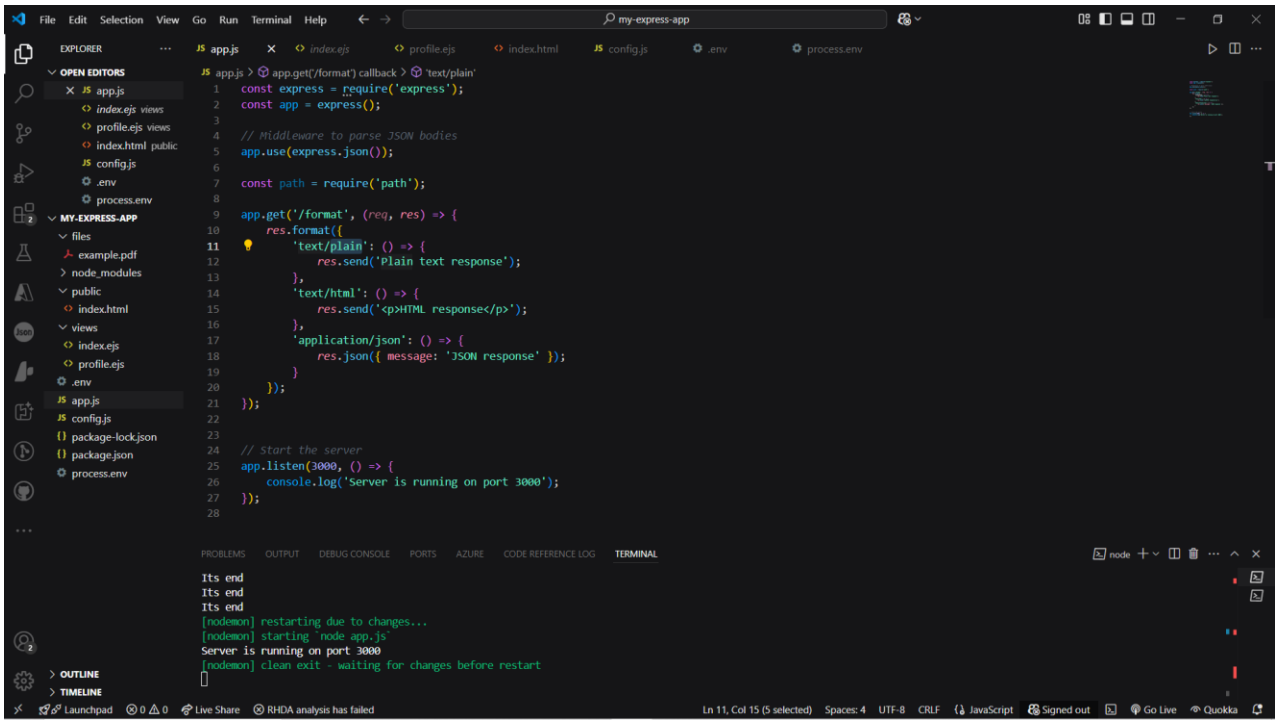
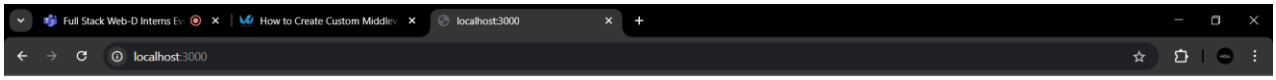

File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
app.js
index.ejs
profile.ejs
index.html
config.js
.env
process.env
OPEN EDITORS
MY-EXPRESS-APP
files
example.pdf
node_modules
public
views
package-lock.json
package.json
const path = require('path');
app.get('/end', (req, res) => {
res.status(204).end();
console.log("Its end")
});
// Start the server
app.listen(3000, () => {
console.log('Server is running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
Its end
Its end
Its end
OUTLINE
TIMELINE
Launchpad
Live Share
RHDA analysis has failed
Ln 19, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka

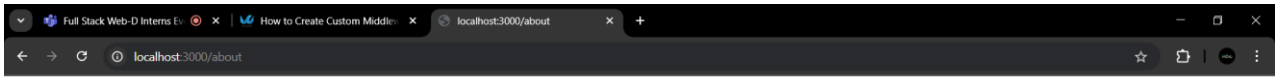


HTML response

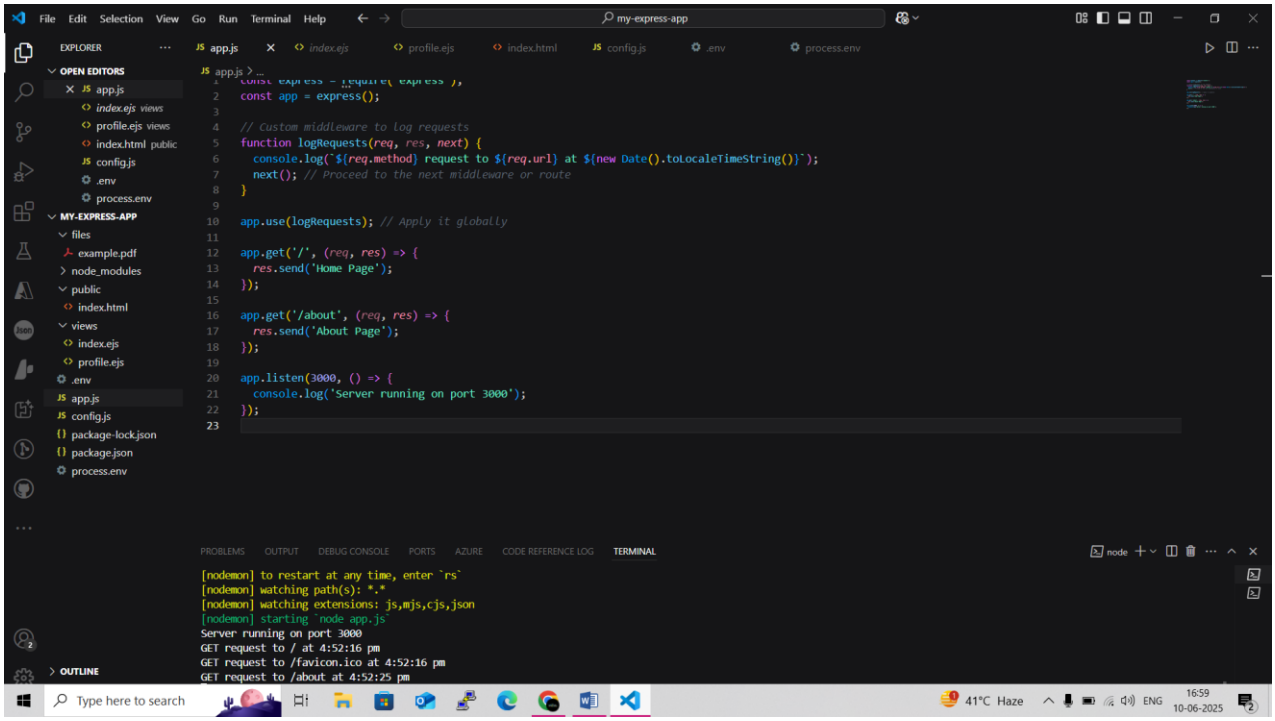




Home Page



About Page


File Edit Selection View Go Run Terminal Help
my-express-app
EXPLORER
OPEN EDITORS
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index.ejs views
profile.ejs views
index.html public
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.env
process.env
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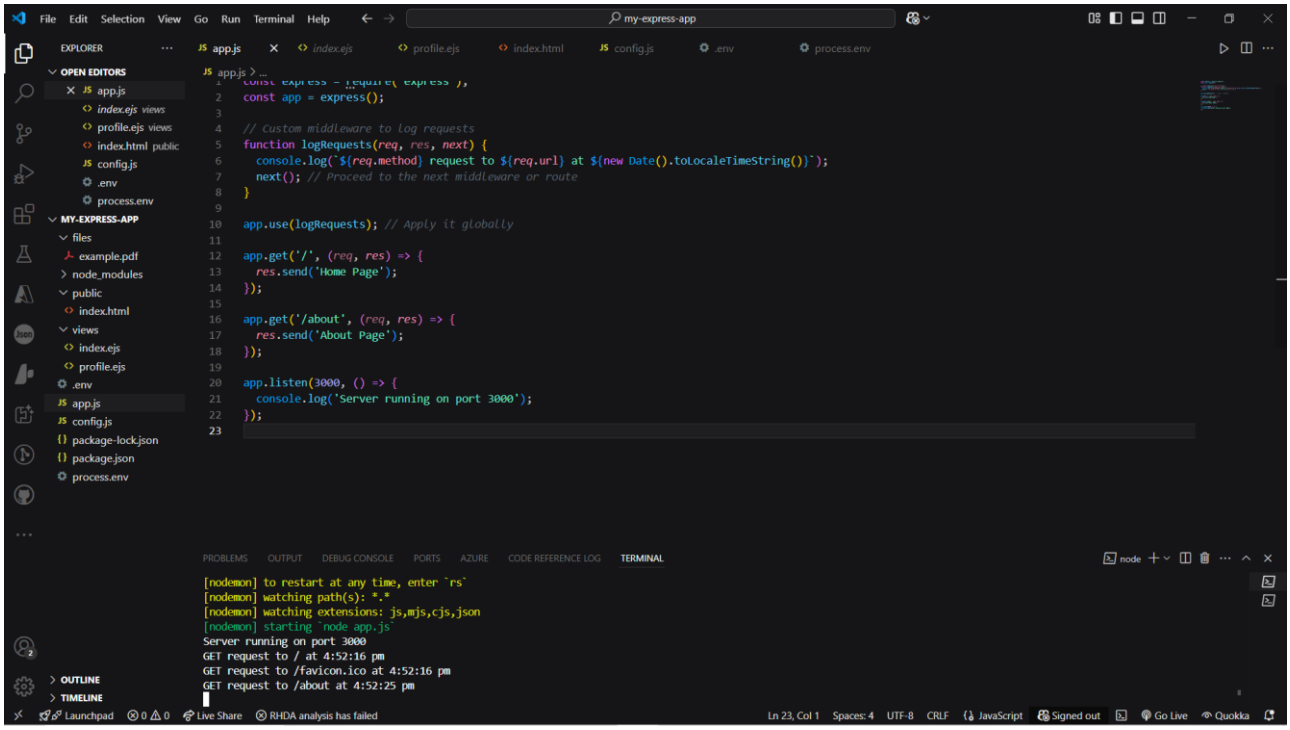
views
index.ejs
profile.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
OUTLINE
app.js > ...
const express = require('express');
const app = express();
// Custom middleware to log requests
function logRequests(req, res, next) {
console.log(`${req.method} request to ${req.url} at ${new Date().toLocaleTimeString()}`);
next(); // Proceed to the next middleware or route
}
app.use(logRequests); // Apply it globally
app.get('/', (req, res) => {
res.send('Home Page');
});
app.get('/about', (req, res) => {
res.send('About Page');
});
app.listen(3000, () => {
console.log('Server running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node app.js`
Server running on port 3000
GET request to / at 4:52:16 pm
GET request to /favicon.ico at 4:52:16 pm
GET request to /about at 4:52:25 pm
Type here to search
41°C Haze
ENG
16:59
10-06-2025


File Edit Selection View Go Run Terminal Help
my-express-app
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profile.ejs views
index.html public
config.js
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process.env
MY-EXPRESS-APP
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node_modules
public
index.html
views
index.ejs
profile.ejs
.env
app.js
config.js
package-lock.json
package.json
process.env
OUTLINE
TIMELINE
app.js > ...
const express = require('express');
const app = express();
// Custom middleware to log requests
function logRequests(req, res, next) {
console.log(`${req.method} request to ${req.url} at ${new Date().toLocaleTimeString()}`);
next(); // Proceed to the next middleware or route
}
app.use(logRequests); // Apply it globally
app.get('/', (req, res) => {
res.send('Home Page');
});
app.get('/about', (req, res) => {
res.send('About Page');
});
app.listen(3000, () => {
console.log('Server running on port 3000');
});
PROBLEMS OUTPUT DEBUG CONSOLE PORTS AZURE CODE REFERENCE LOG TERMINAL
node
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,cjs,json
[nodemon] starting `node app.js`
Server running on port 3000
GET request to / at 4:52:16 pm
GET request to /favicon.ico at 4:52:16 pm
GET request to /about at 4:52:25 pm
Launchpad
Live Share
RHDA analysis has failed
Ln 23, Col 1
Spaces: 4
UTF-8
CRLF
JavaScript
Signed out
Go Live
Quokka