EXPLORER

> OPEN EDITORS
  ✕ JS fs-challenge.js

∨ DAY17_ASSIGNMENT
  JS events-challenge.js
  ☰ feedback.txt
  JS fs-challenge.js
  JS http-challenge.js

JS fs-challenge.js

JS fs-challenge.js > ...

```javascript
const fs = require('fs').promises;

async function run() {
  const fileName = 'feedback.txt';
  const userInput = "Node.js is awesome!";

  try {
    await fs.writeFile(fileName, userInput);
    console.log("Data written successfully.");

    console.log("Reading file...");
    const data = await fs.readFile(fileName, "utf8");
    console.log(data);
  } catch (err) {
    console.error("Error:", err);
  }
}

run();
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS
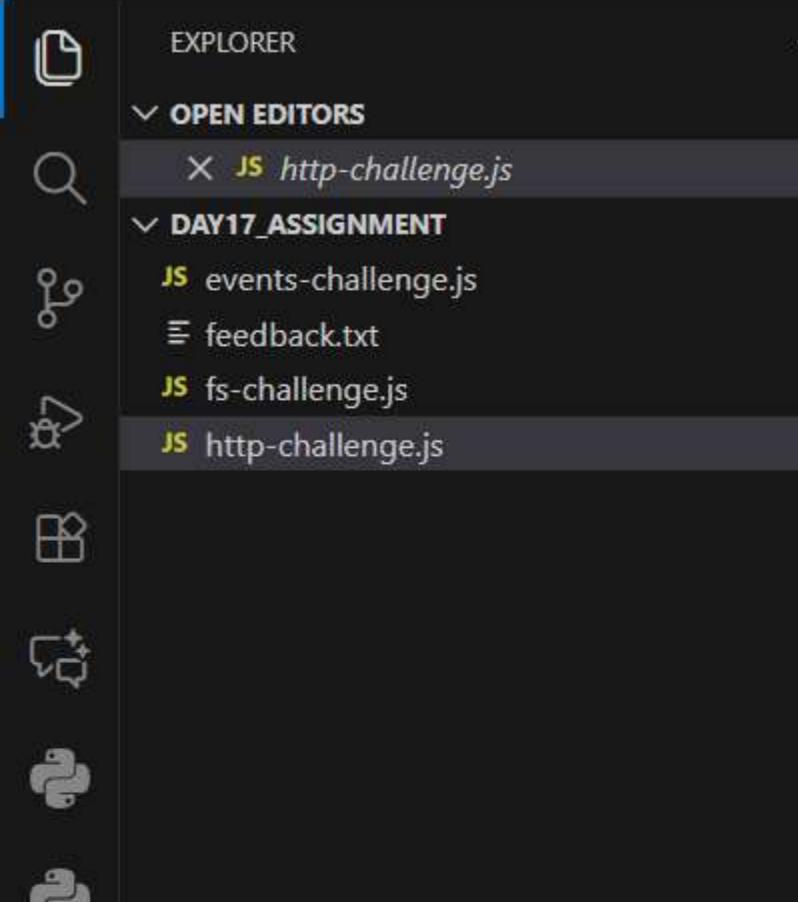
```
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment> node fs-challenge.js
Data written successfully.
Reading file...
Node.js is awesome!
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment>
```

> OUTLINE
> TIMELINE

EXPLORER

> OPEN EDITORS
    ✕ JS http-challenge.js
> DAY17_ASSIGNMENT
    JS events-challenge.js
    ≡ feedback.txt
    JS fs-challenge.js
    JS http-challenge.js

JS http-challenge.js ✕

JS http-challenge.js > ...

```js
1    const http = require('http');
2    const fs = require('fs');
3    const path = require('path');
4
5    const server = http.createServer((req, res) => {
6      if (req.url === "/") {
7        res.writeHead(200, { "Content-Type": "text/plain" });
8        res.end("Hello from Node.js Server");
9      } else if (req.url === "/about") {
10       res.writeHead(200, { "Content-Type": "text/plain" });
11       res.end("About Page");
12     } else {
13       res.writeHead(404, { "Content-Type": "text/plain" });
14       res.end("404 Not Found");
15     }
16   });
17
18   server.listen(3000, () => {
19     console.log("Server running at http://localhost:3000");
20   });
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS
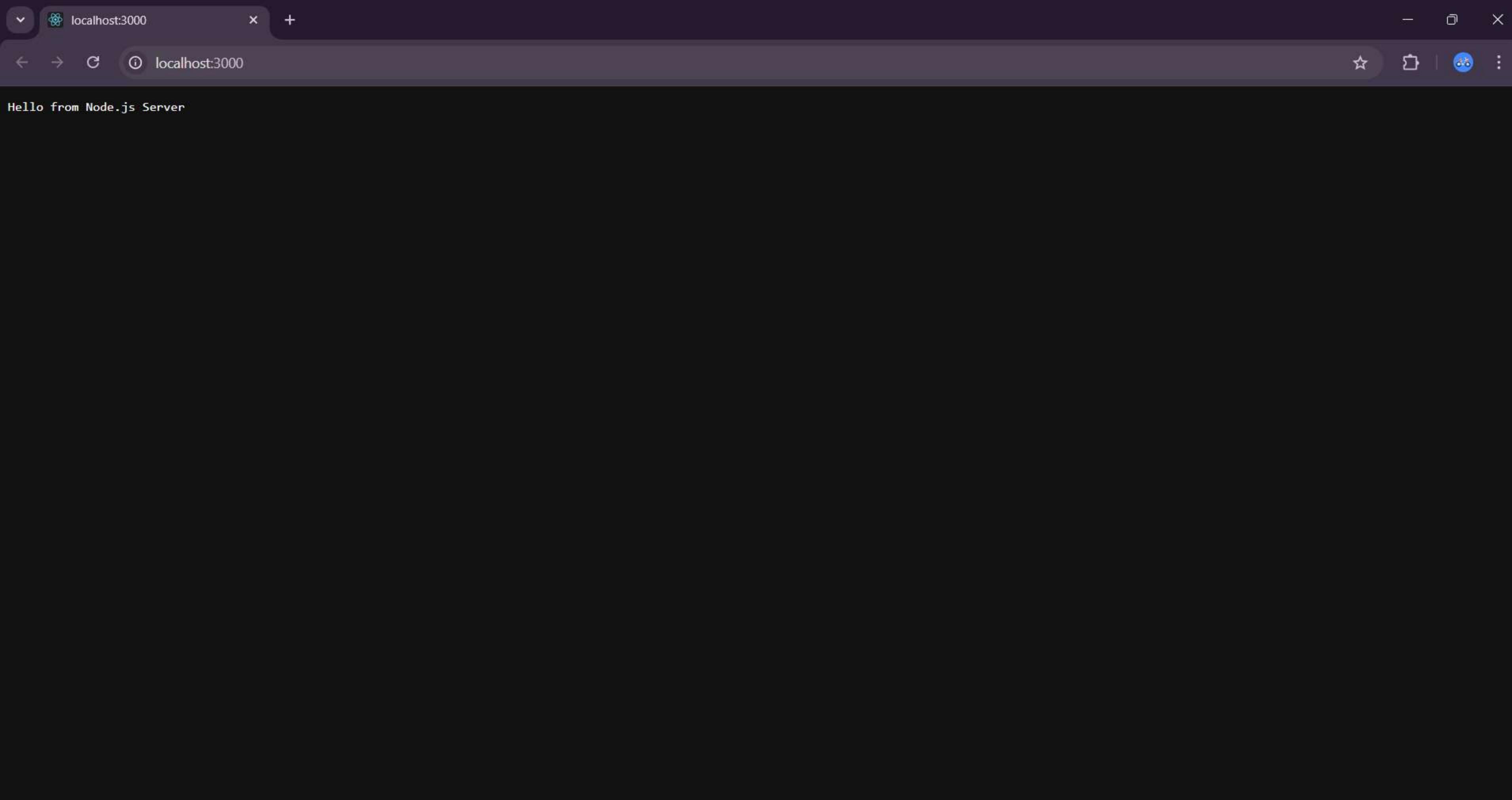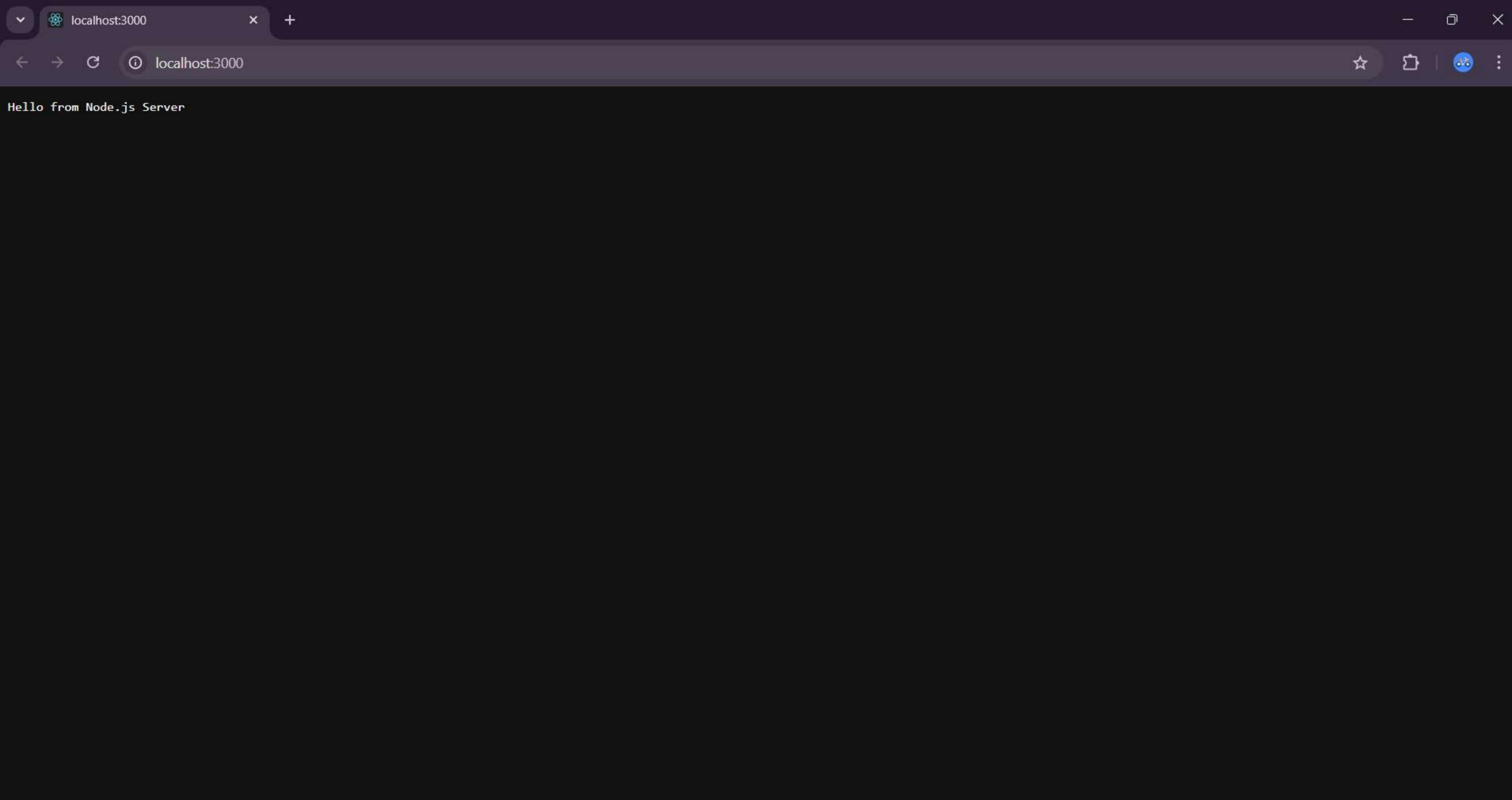
```
PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment> node fs-challenge.js
Data written successfully.
Reading file...
⊗ Node.js is awesome!                                                     node http-challenge.js
Server running at http://localhost:3000o NGA - MERN\Day17\day17_assignment>
❖ PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment> node http-challenge.js
Server running at http://localhost:3000
```

> OUTLINE
> TIMELINE

Hello from Node.js Server

EXPLORER

∨ OPEN EDITORS
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JS events-challenge.js ✕

JS events-challenge.js > ...

```js
 1    const EventEmitter = require('events');
 2
 3    const emitter = new EventEmitter();
 4
 5    emitter.on('userLoggedIn', (user) => {
 6        console.log(`User ${user} logged in.`);
 7    });
 8
 9    emitter.on('userLoggedOut', (user) => {
10        console.log(`User ${user} logged out.`);
11    });
12
13    emitter.on('sessionExpired', (user) => {
14        console.log(`Session expired for ${user}.`);
15    });
16
17    const user = "Deepak";
18
19    emitter.emit("userLoggedIn", user);
20    emitter.emit("userLoggedOut", user);
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   powershell ⚠

```
● PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment> node events-challenge.js
  User Deepak logged in.
  User Deepak logged out.
  Session expired for Deepak.
❖ PS C:\Users\kushw\OneDrive\Desktop\Wipro NGA - MERN\Day17\day17_assignment>
```

powersh... ⚠