Practical Assignment-1

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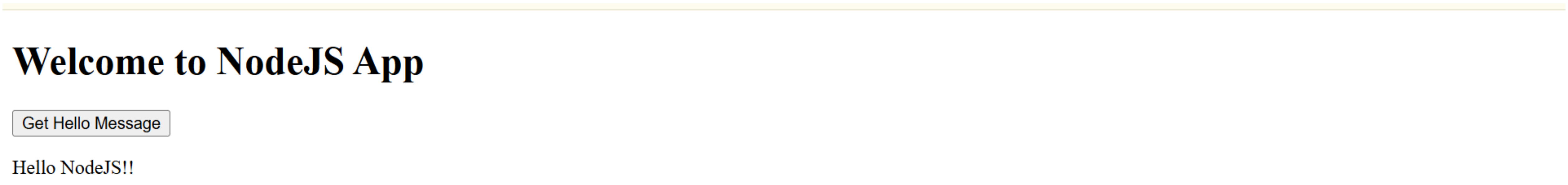
Roll No.: 68

Sem: 7

Div: A

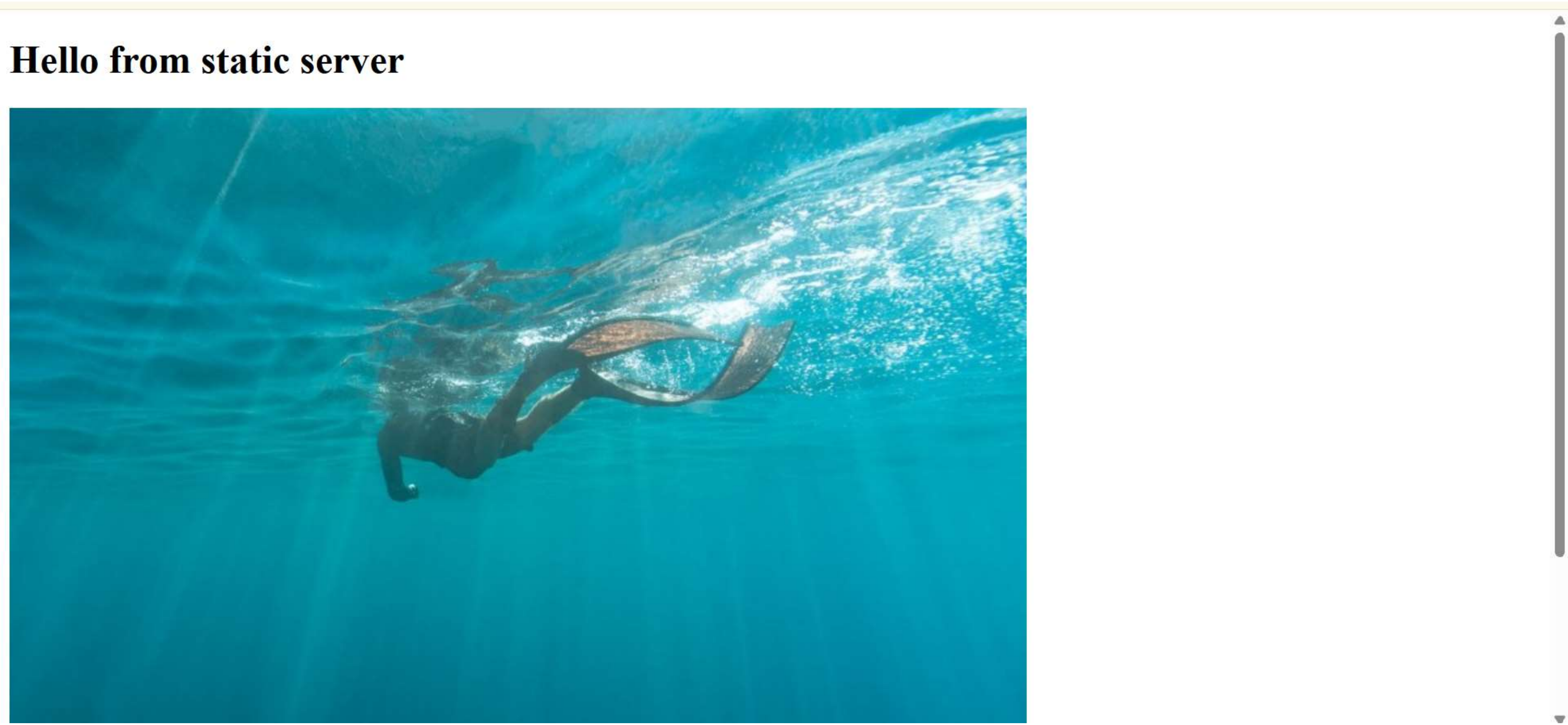
Question 1:



Welcome to NodeJS App

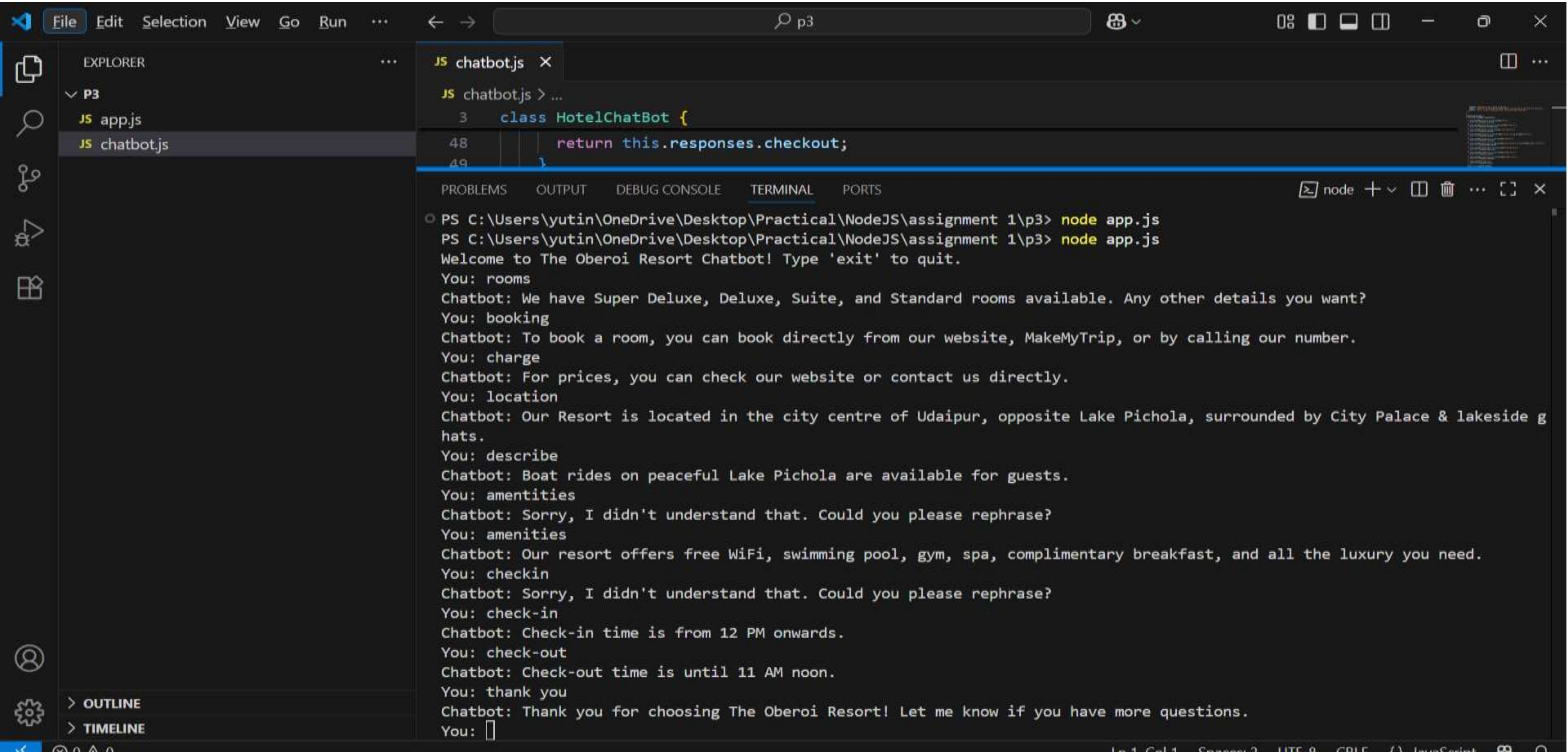
Hello NodeJS!!

Question 2:



Hello from static server

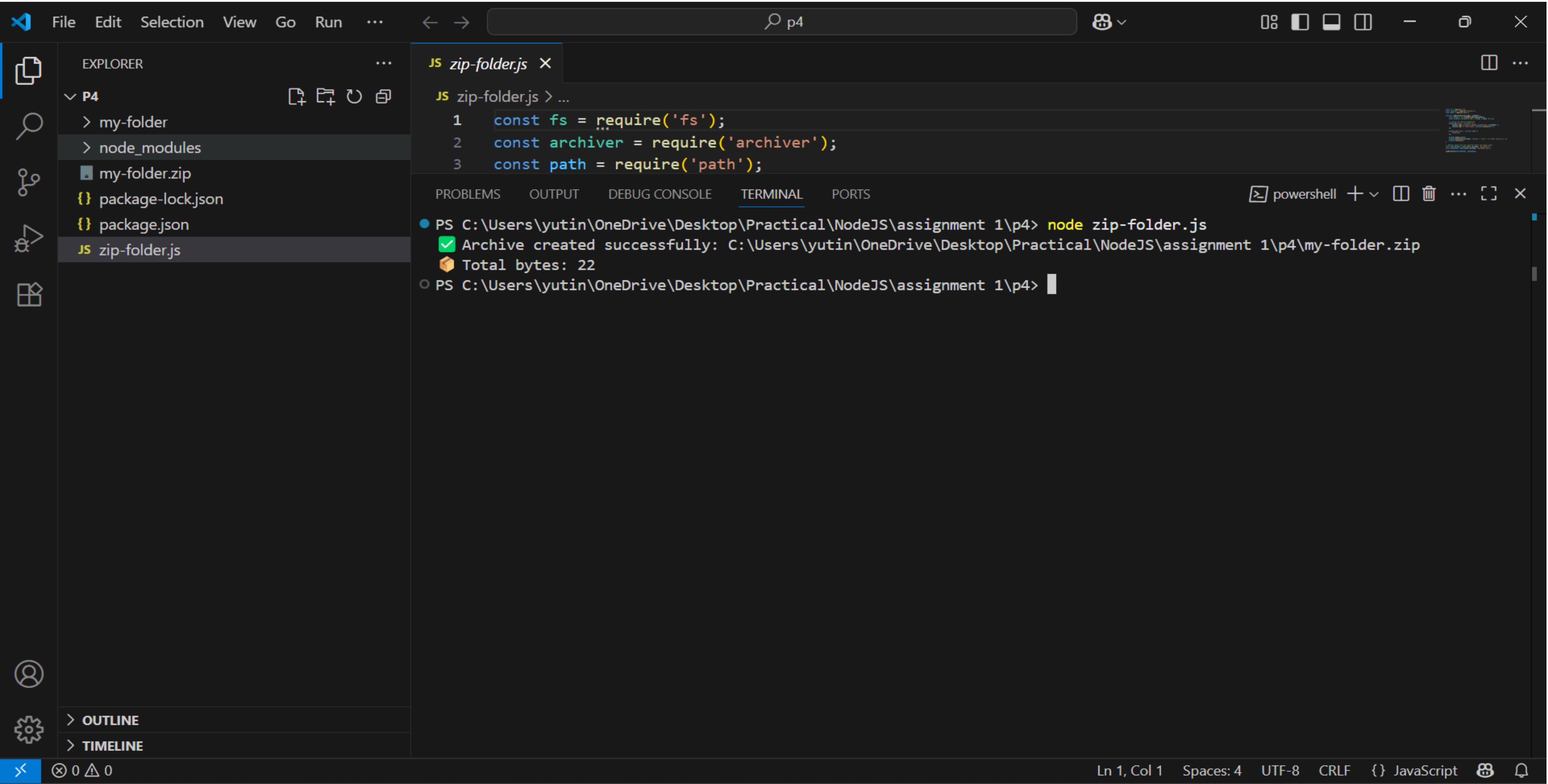
Question 3:



```
class HotelChatBot {
        return this.responses.checkout;
```

```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p3> node app.js
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p3> node app.js
Welcome to The Oberoi Resort Chatbot! Type 'exit' to quit.
You: rooms
Chatbot: We have Super Deluxe, Deluxe, Suite, and Standard rooms available. Any other details you want?
You: booking
Chatbot: To book a room, you can book directly from our website, MakeMyTrip, or by calling our number.
You: charge
Chatbot: For prices, you can check our website or contact us directly.
You: location
Chatbot: Our Resort is located in the city centre of Udaipur, opposite Lake Pichola, surrounded by City Palace & lakeside g
hats.
You: describe
Chatbot: Boat rides on peaceful Lake Pichola are available for guests.
You: amentities
Chatbot: Sorry, I didn't understand that. Could you please rephrase?
You: amenities
Chatbot: Our resort offers free WiFi, swimming pool, gym, spa, complimentary breakfast, and all the luxury you need.
You: checkin
Chatbot: Sorry, I didn't understand that. Could you please rephrase?
You: check-in
Chatbot: Check-in time is from 12 PM onwards.
You: check-out
Chatbot: Check-out time is until 11 AM noon.
You: thank you
Chatbot: Thank you for choosing The Oberoi Resort! Let me know if you have more questions.
You:
```

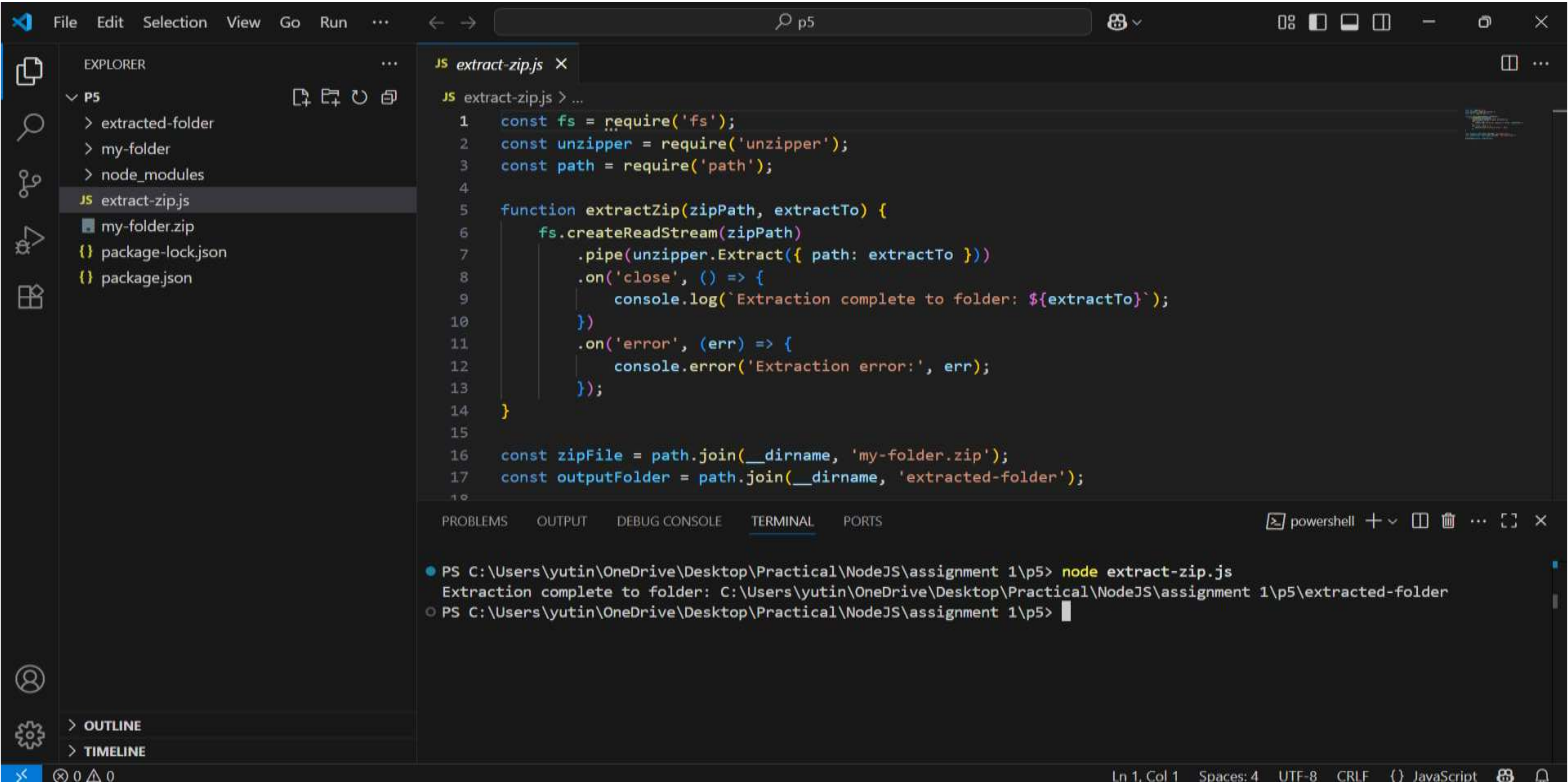
Question 4:



```
const fs = require('fs');
const archiver = require('archiver');
const path = require('path');
```

```
● PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p4> node zip-folder.js
  ✅ Archive created successfully: C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p4\my-folder.zip
  📦 Total bytes: 22
○ PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p4> 
```

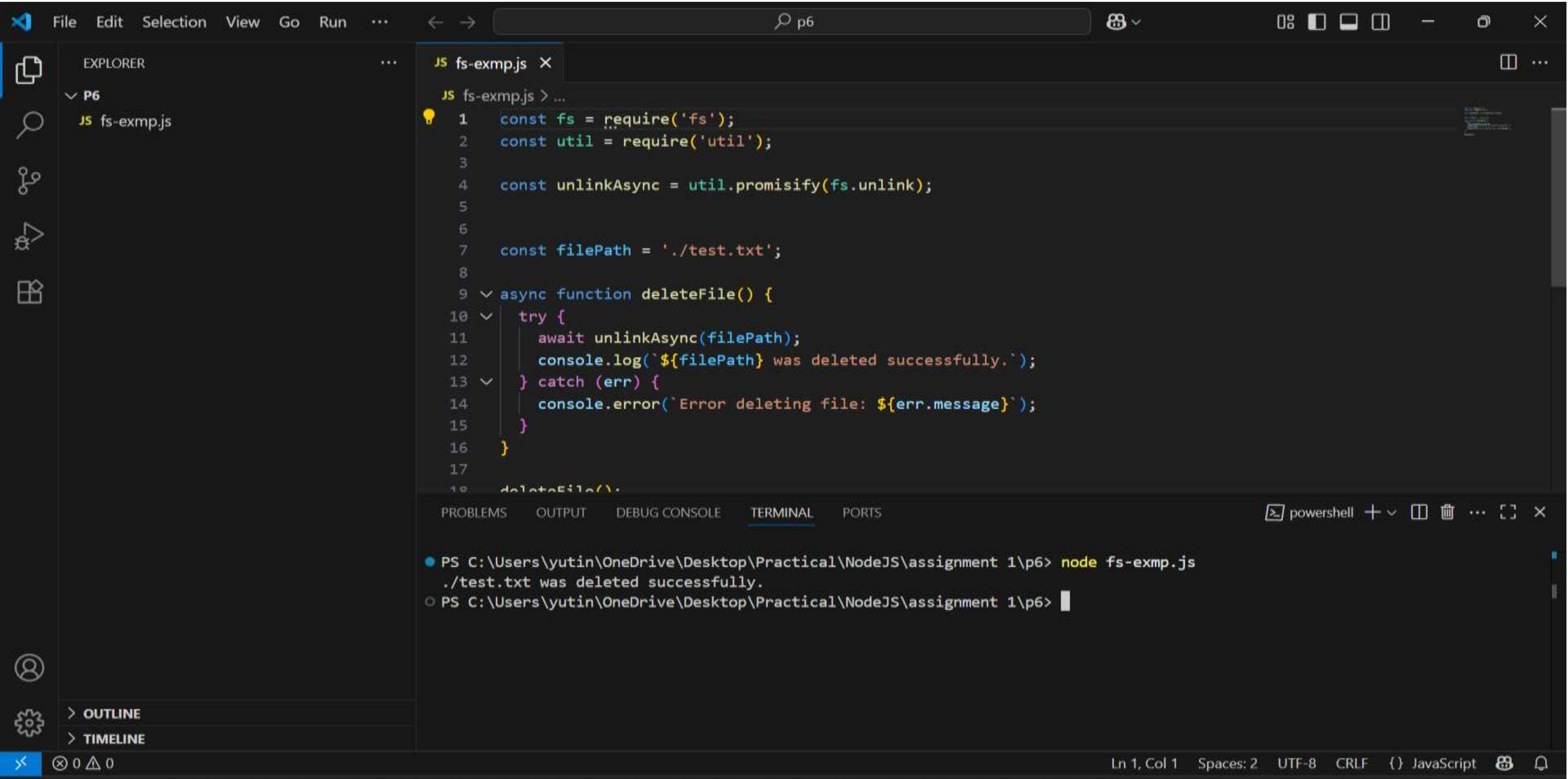
Question 5:



```
const fs = require('fs');
const unzipper = require('unzipper');
const path = require('path');

function extractZip(zipPath, extractTo) {
    fs.createReadStream(zipPath)
        .pipe(unzipper.Extract({ path: extractTo }))
        .on('close', () => {
            console.log(`Extraction complete to folder: ${extractTo}`);
        })
        .on('error', (err) => {
            console.error('Extraction error:', err);
        });
}

const zipFile = path.join(__dirname, 'my-folder.zip');
const outputFolder = path.join(__dirname, 'extracted-folder');
```

```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p5> node extract-zip.js
Extraction complete to folder: C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p5\extracted-folder
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p5>
```

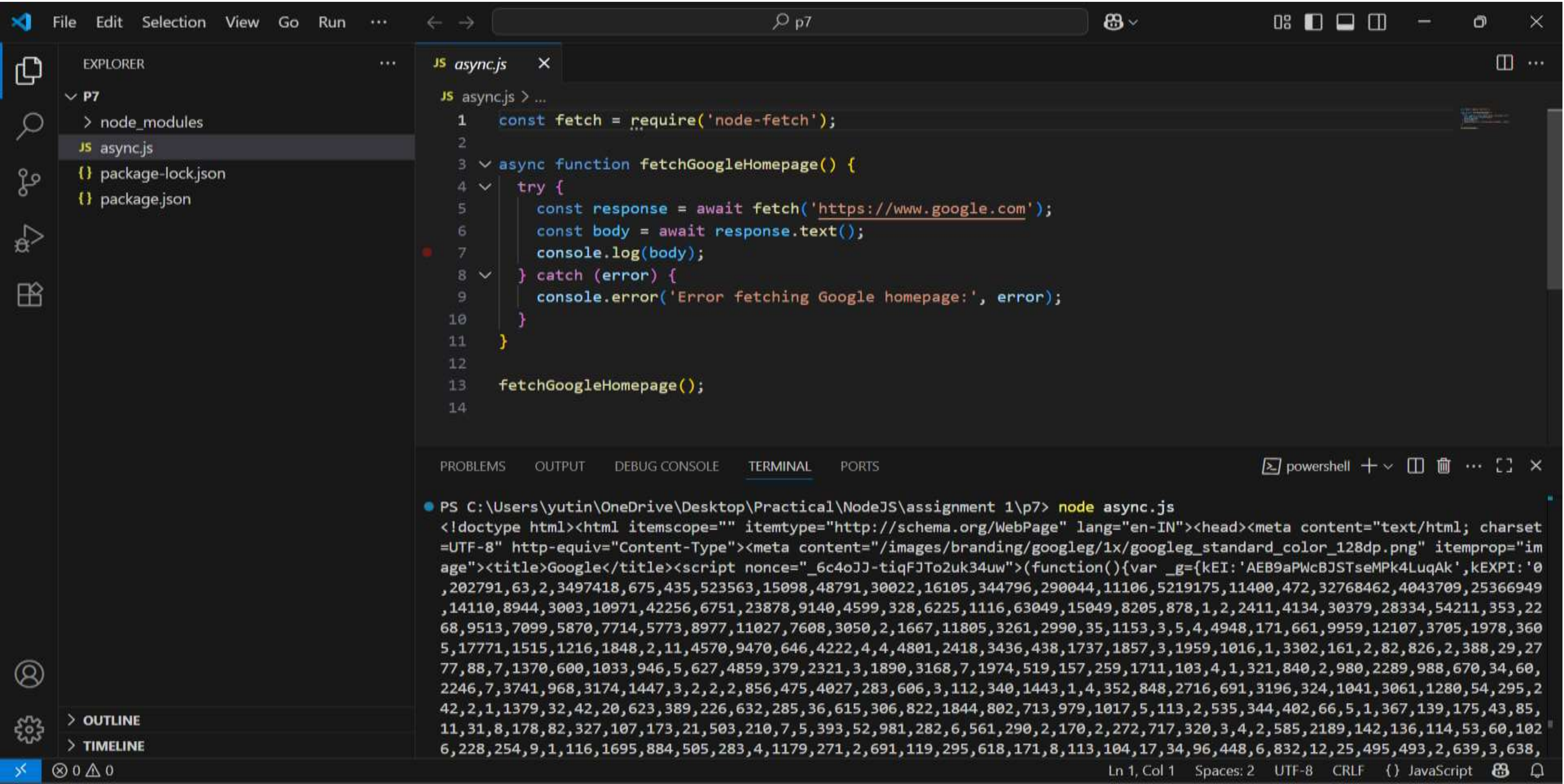
Question 6:



```javascript
const fs = require('fs');
const util = require('util');

const unlinkAsync = util.promisify(fs.unlink);


const filePath = './test.txt';

async function deleteFile() {
  try {
    await unlinkAsync(filePath);
    console.log(`${filePath} was deleted successfully.`);
  } catch (err) {
    console.error(`Error deleting file: ${err.message}`);
  }
}

deleteFile();
```

```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p6> node fs-exmp.js
./test.txt was deleted successfully.
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p6>
```

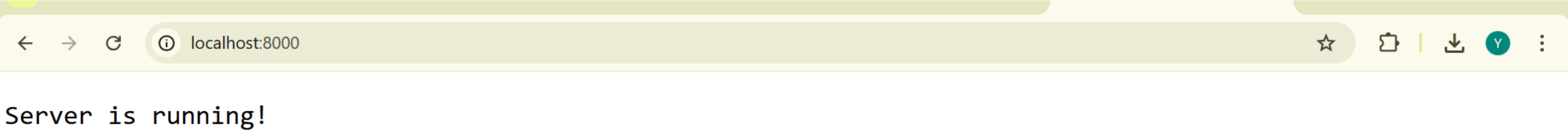
Question 7:



```javascript
const fetch = require('node-fetch');

async function fetchGoogleHomepage() {
  try {
    const response = await fetch('https://www.google.com');
    const body = await response.text();
    console.log(body);
  } catch (error) {
    console.error('Error fetching Google homepage:', error);
  }
}

fetchGoogleHomepage();

```

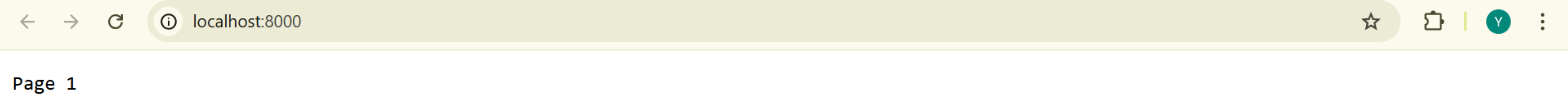
```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p7> node async.js
<!doctype html><html itemscope="" itemtype="http://schema.org/WebPage" lang="en-IN"><head><meta content="text/html; charset
=UTF-8" http-equiv="Content-Type"><meta content="/images/branding/googleg/1x/googleg_standard_color_128dp.png" itemprop="im
age"><title>Google</title><script nonce="_6c4oJJ-tiqFJTo2uk34uw">(function(){var _g={kEI:'AEB9aPWcBJSTseMPk4LuqAk',kEXPI:'0
,202791,63,2,3497418,675,435,523563,15098,48791,30022,16105,344796,290044,11106,5219175,11400,472,32768462,4043709,25366949
,14110,8944,3003,10971,42256,6751,23878,9140,4599,328,6225,1116,63049,15049,8205,878,1,2,2411,4134,30379,28334,54211,353,22
68,9513,7099,5870,7714,5773,8977,11027,7608,3050,2,1667,11805,3261,2990,35,1153,3,5,4,4948,171,661,9959,12107,3705,1978,360
5,17771,1515,1216,1848,2,11,4570,9470,646,4222,4,4,4801,2418,3436,438,1737,1857,3,1959,1016,1,3302,161,2,82,826,2,388,29,27
77,88,7,1370,600,1033,946,5,627,4859,379,2321,3,1890,3168,7,1974,519,157,259,1711,103,4,1,321,840,2,980,2289,988,670,34,60,
2246,7,3741,968,3174,1447,3,2,2,2,856,475,4027,283,606,3,112,340,1443,1,4,352,848,2716,691,3196,324,1041,3061,1280,54,295,2
42,2,1,1379,32,42,20,623,389,226,632,285,36,615,306,822,1844,802,713,979,1017,5,113,2,535,344,402,66,5,1,367,139,175,43,85,
11,31,8,178,82,327,107,173,21,503,210,7,5,393,52,981,282,6,561,290,2,170,2,272,717,320,3,4,2,585,2189,142,136,114,53,60,102
6,228,254,9,1,116,1695,884,505,283,4,1179,271,2,691,119,295,618,171,8,113,104,17,34,96,448,6,832,12,25,495,493,2,639,3,638,
```

Question 8: Server Page



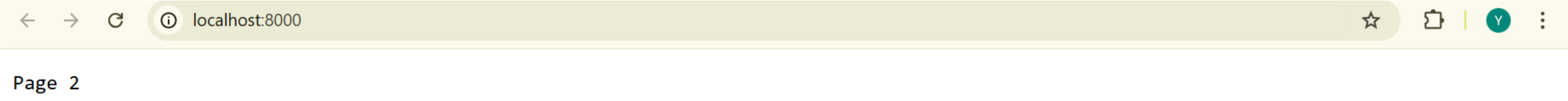
```
Server is running!
```

Question 8: Page 1



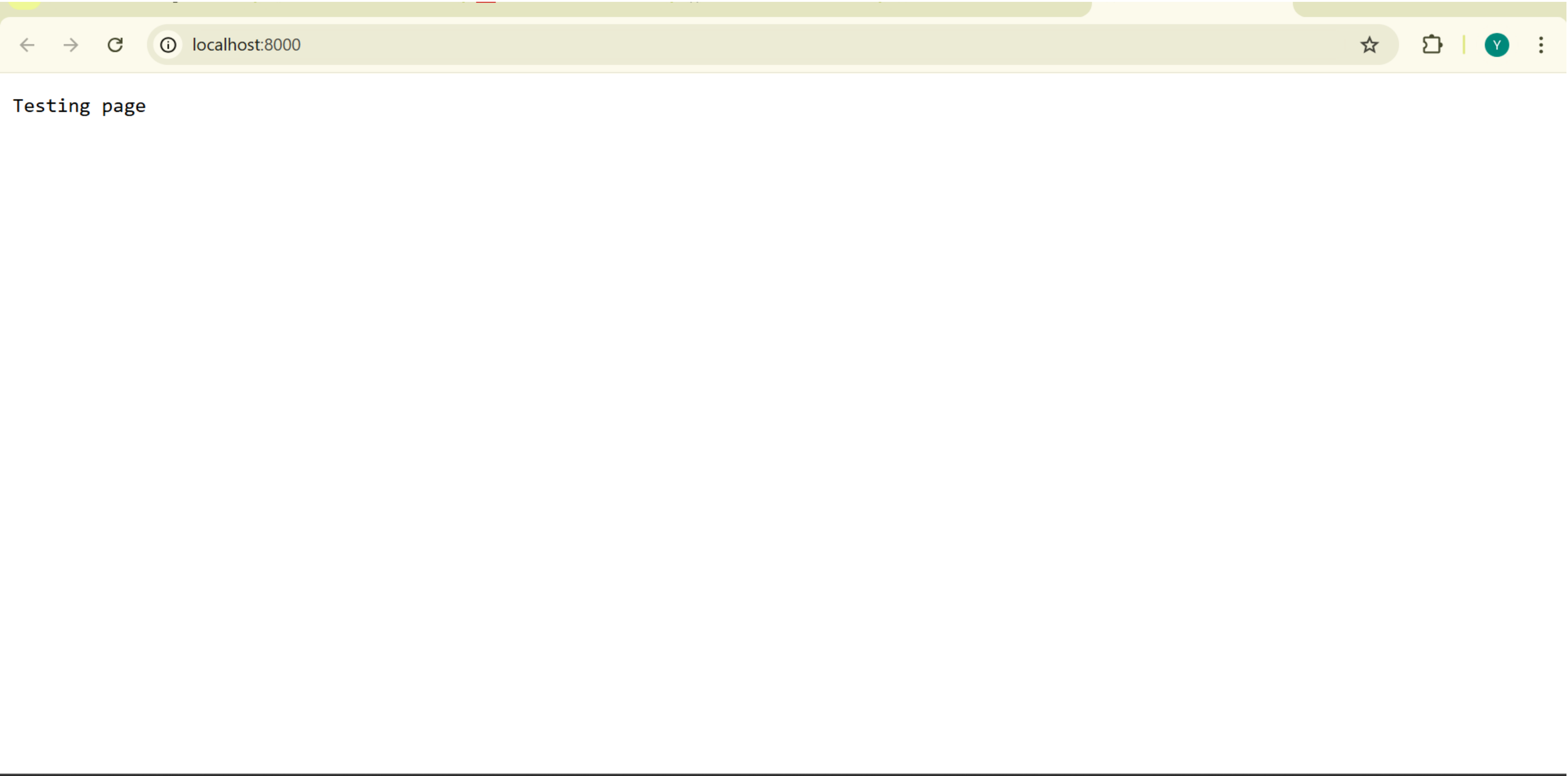
Page 1

Question 8:Page 2



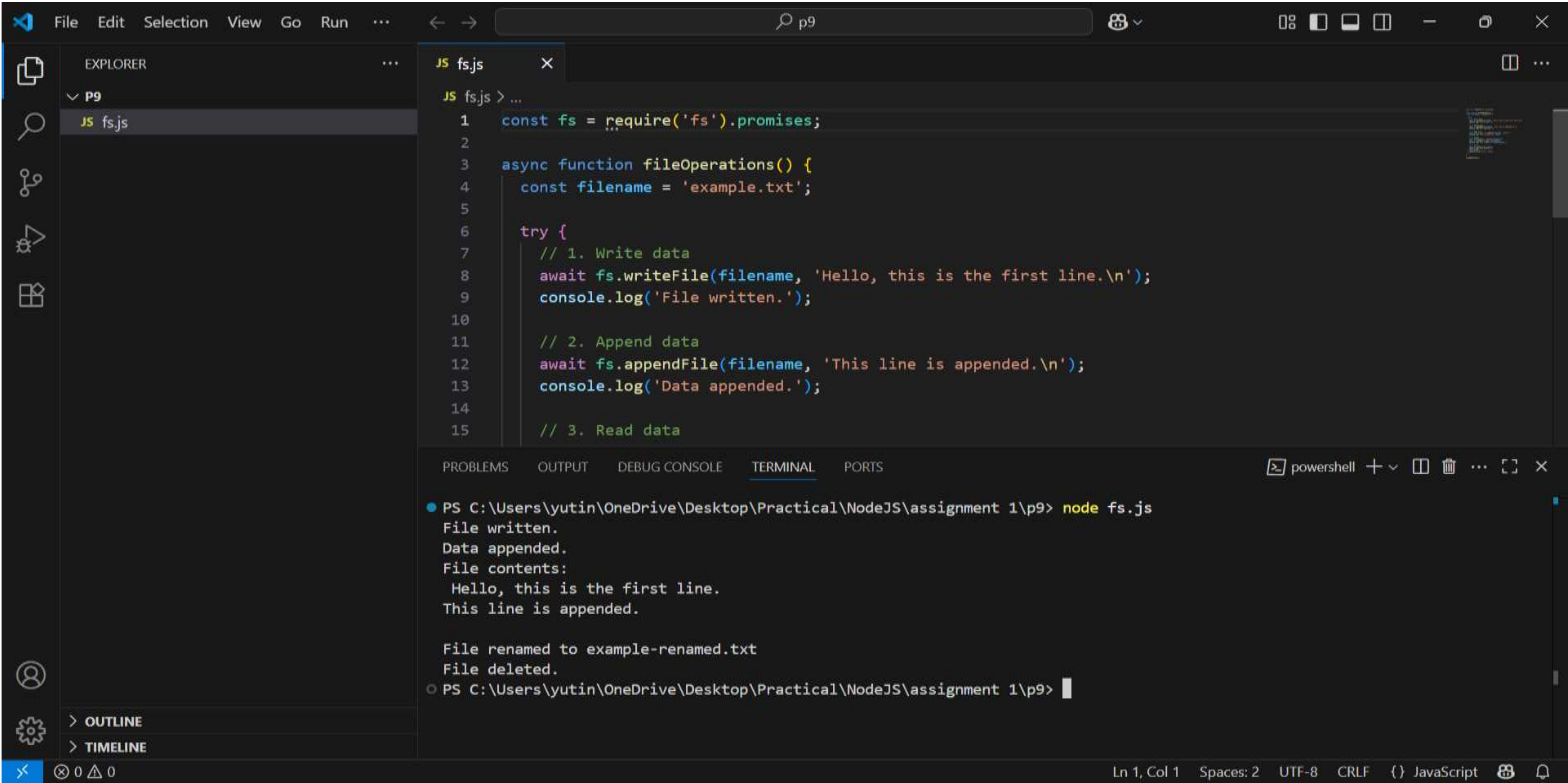
Page 2

Question 8:Testing Page



Testing page

Question 9:

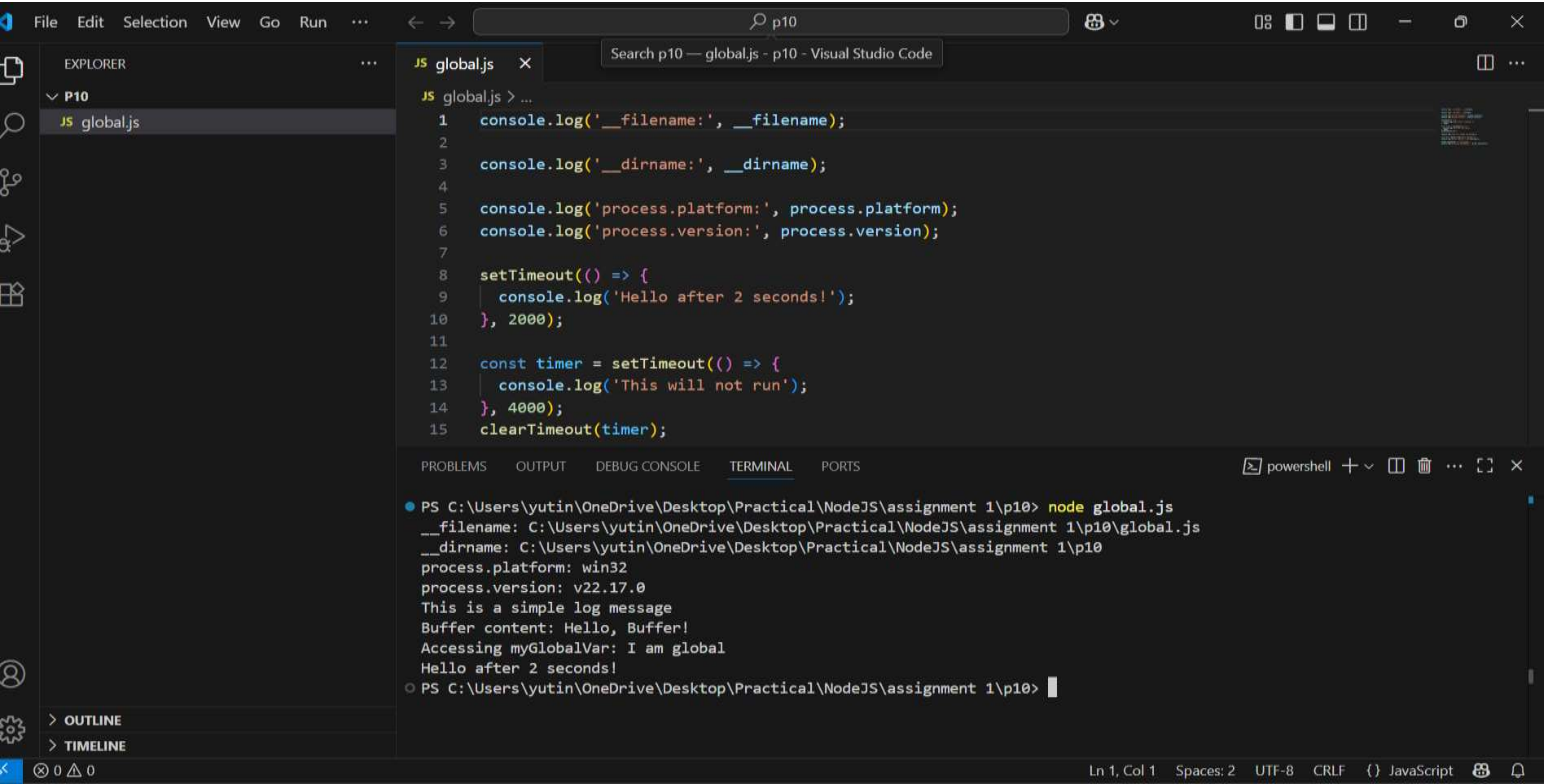


File Edit Selection View Go Run ···
p9
EXPLORER
P9
fs.js
OUTLINE
TIMELINE
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
Ln 1, Col 1 Spaces: 2 UTF-8 CRLF {} JavaScript

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

async function fileOperations() {
  const filename = 'example.txt';

  try {
    // 1. Write data
    await fs.writeFile(filename, 'Hello, this is the first line.\n');
    console.log('File written.');

    // 2. Append data
    await fs.appendFile(filename, 'This line is appended.\n');
    console.log('Data appended.');

    // 3. Read data
```

```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p9> node fs.js
File written.
Data appended.
File contents:
 Hello, this is the first line.
This line is appended.

File renamed to example-renamed.txt
File deleted.
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p9>
```

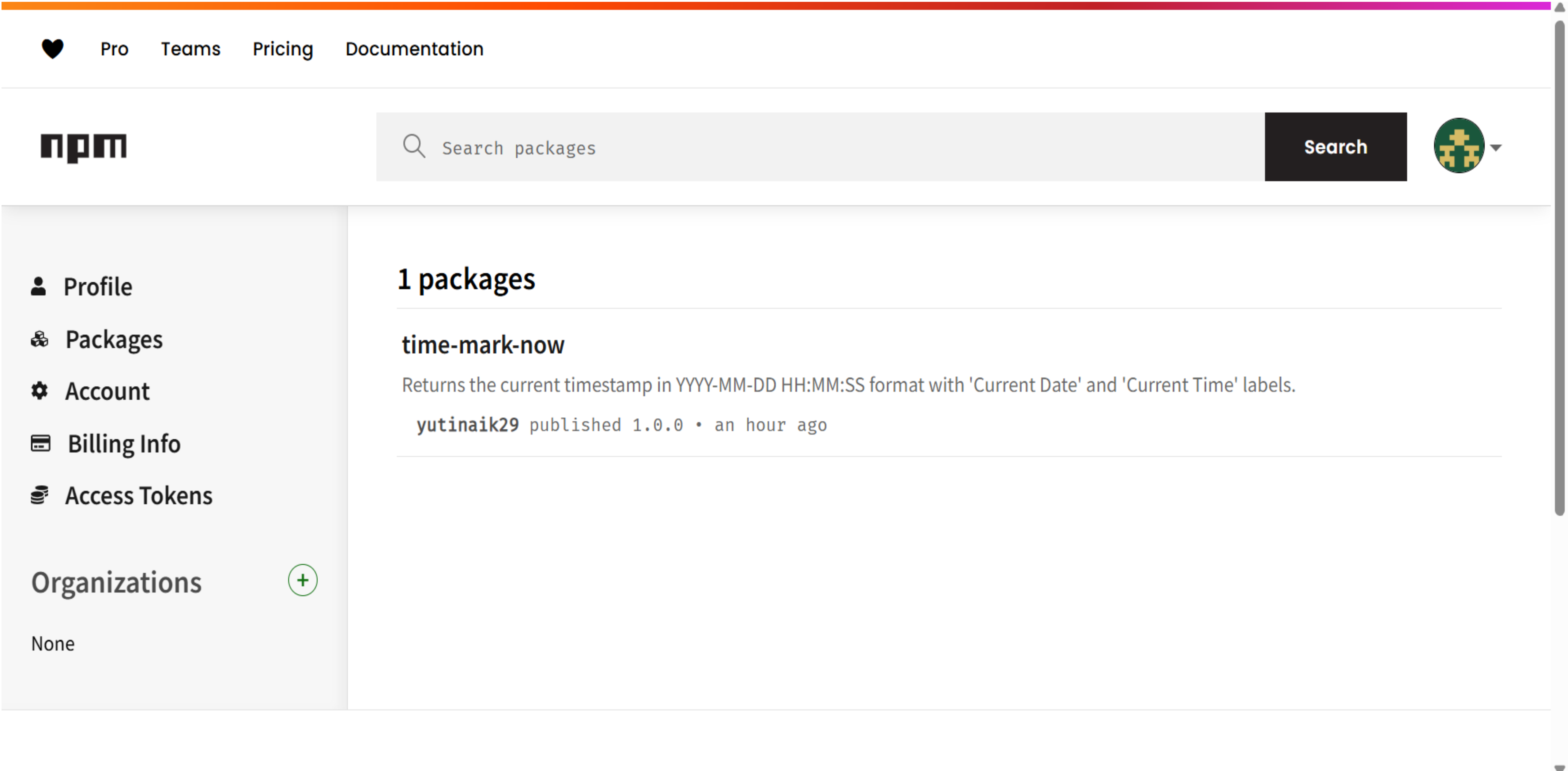
Question 10:



```
console.log('__filename:', __filename);

console.log('__dirname:', __dirname);

console.log('process.platform:', process.platform);
console.log('process.version:', process.version);

setTimeout(() => {
  console.log('Hello after 2 seconds!');
}, 2000);

const timer = setTimeout(() => {
  console.log('This will not run');
}, 4000);
clearTimeout(timer);
```

```
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p10> node global.js
__filename: C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p10\global.js
__dirname: C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p10
process.platform: win32
process.version: v22.17.0
This is a simple log message
Buffer content: Hello, Buffer!
Accessing myGlobalVar: I am global
Hello after 2 seconds!
PS C:\Users\yutin\OneDrive\Desktop\Practical\NodeJS\assignment 1\p10>
```

Question 11:



1 packages

time-mark-now

Returns the current timestamp in YYYY-MM-DD HH:MM:SS format with 'Current Date' and 'Current Time' labels.

yutinaik29 published 1.0.0 • an hour ago