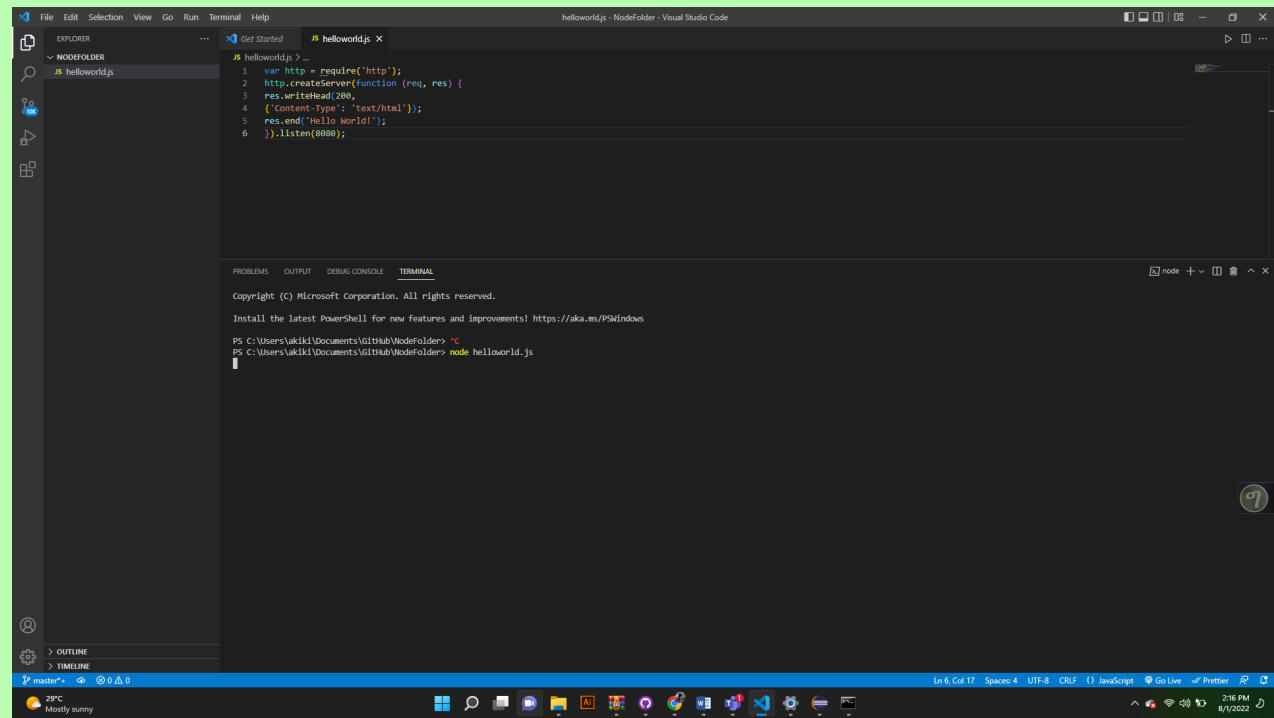


# Exercise N1



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left shows a file named `helloworld.js` under the `NODEFOLDER`. The main editor area displays the following JavaScript code:

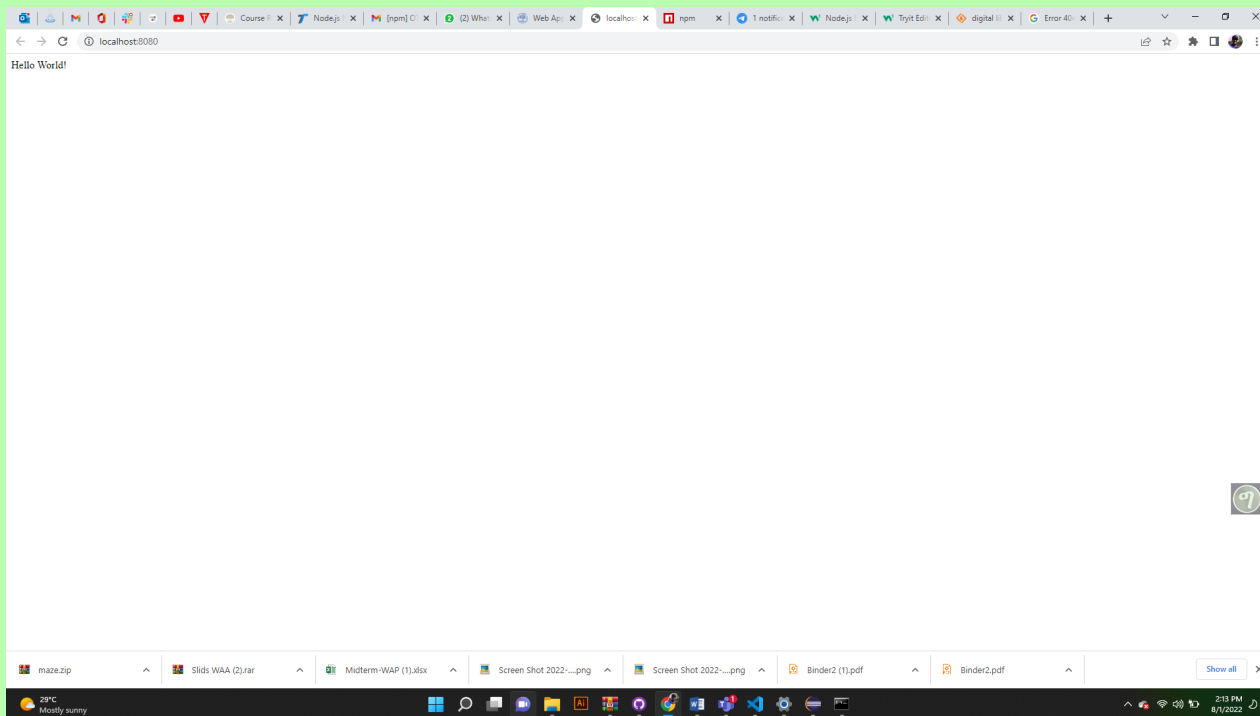
```
1 var http = require('http');
2 http.createServer(function (req, res) {
3   res.writeHead(200,
4     { 'Content-Type': 'text/html' });
5   res.end('Hello World!');
6 }).listen(8080);
```

The Terminal panel at the bottom shows the command prompt output:

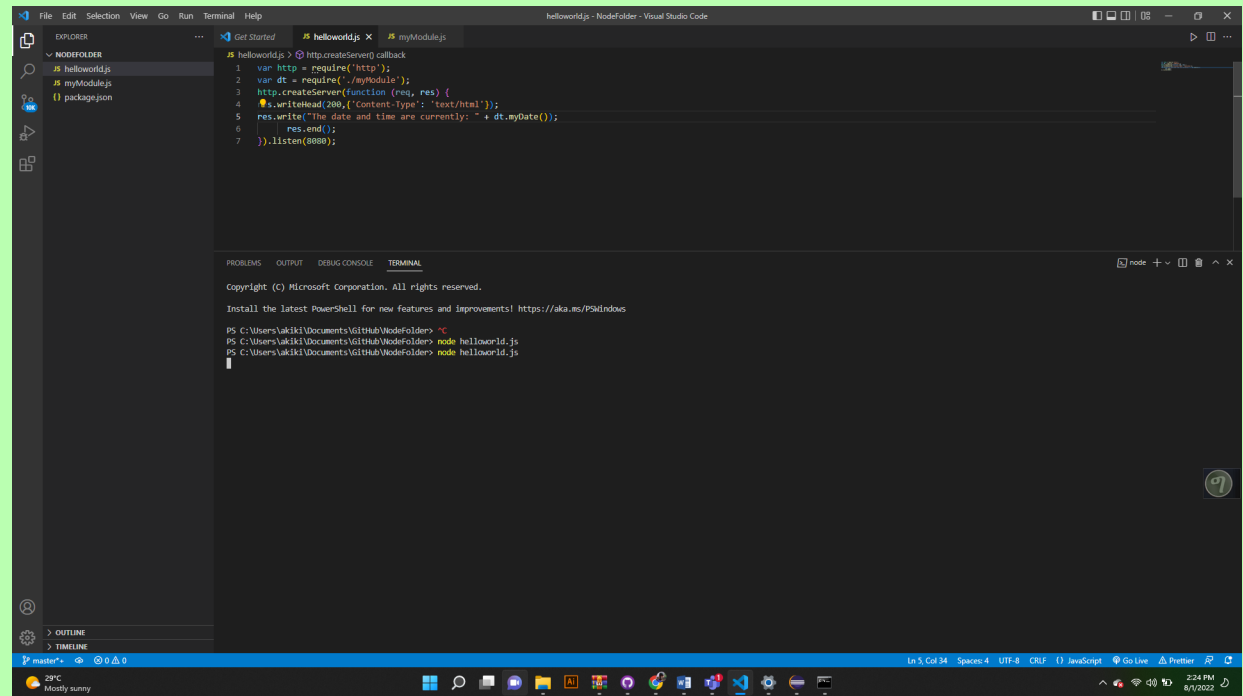
```
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PS C:\Users\akiki\Documents\Github\NodeFolder> node helloworld.js
```



# Exercise N2



The screenshot shows the Visual Studio Code interface with a project named 'helloworld.js'. The Explorer sidebar on the left shows the file structure: 'NODEFOLDER', 'helloworld.js', 'myModule.js', and 'package.json'. The main editor area displays the 'helloworld.js' file with the following code:

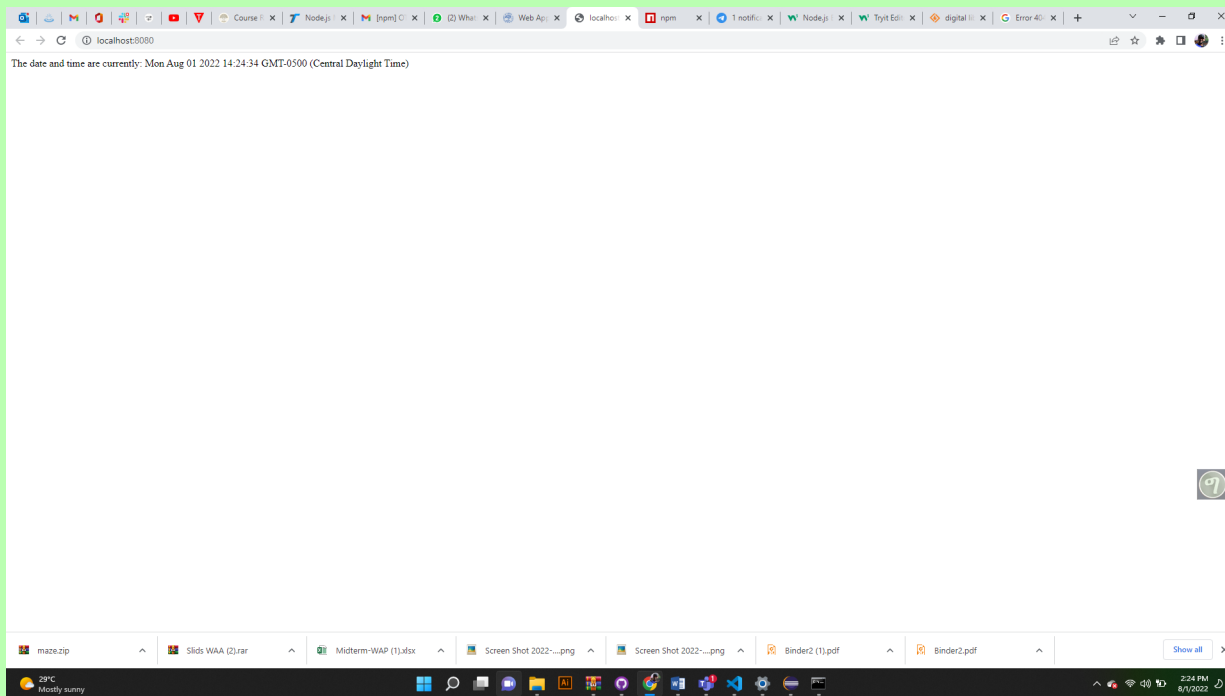
```
1 http.createServer() callback
2 var http = require('http');
3 var dt = require('./myModule');
4 http.createServer(function (req, res) {
5   // writeHead(200, { 'Content-Type': 'text/html' });
6   res.writeHead(200, { 'Content-Type': 'text/html' });
7   res.write("The date and time are currently: " + dt.myDate());
8   res.end();
9 }).listen(8080);
```

The TERMINAL panel at the bottom shows the command prompt output:

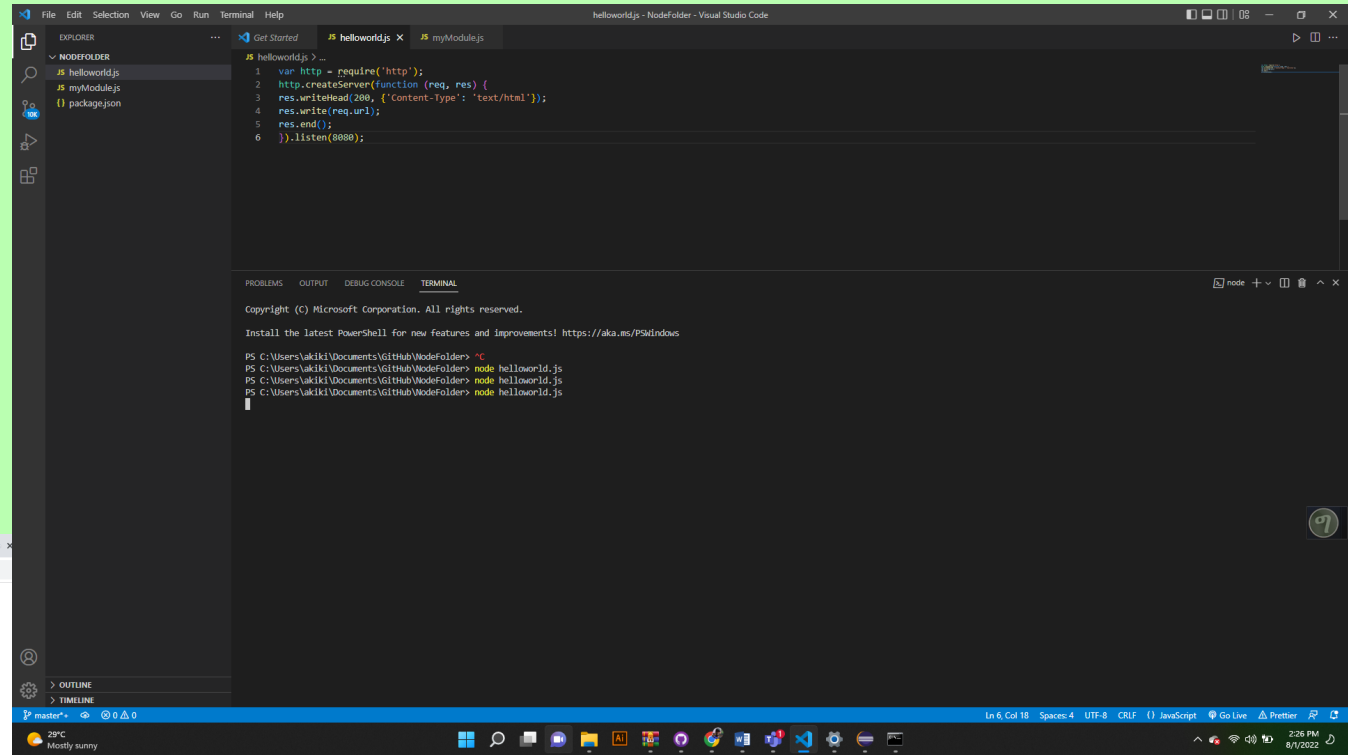
```
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PS C:\Users\vakiki\Documents\Github\NodeFolder> node helloworld.js
PS C:\Users\vakiki\Documents\Github\NodeFolder> node helloworld.js
```



# Exercise N3



The screenshot shows the Visual Studio Code interface with a project named 'helloworldjs'. The Explorer sidebar on the left shows the file structure: 'helloworldjs', 'myModule.js', and 'package.json'. The main editor displays the 'helloworld.js' file with the following code:

```
1 var http = require('http');
2 http.createServer(function (req, res) {
3   res.writeHead(200, {'Content-Type': 'text/html'});
4   res.write(req.url);
5   res.end();
6 }).listen(8080);
```

The bottom panel shows the TERMINAL output:

```
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PS C:\Users\vakiki\Documents\GitHub\NodeFolder> ^C
PS C:\Users\vakiki\Documents\GitHub\NodeFolder> node helloworld.js
PS C:\Users\vakiki\Documents\GitHub\NodeFolder> node helloworld.js
PS C:\Users\vakiki\Documents\GitHub\NodeFolder> node helloworld.js
```

The status bar at the bottom indicates the current file is 'helloworld.js' at line 6, column 18, with 4 spaces, UTF-8 encoding, and CR/LF line endings. The system tray shows a temperature of 29°C and the date/time as 2:26 PM on 8/1/2022.

localhost:8080/strawberries

/strawberries

localhost:8080/pears

/pears

localhost:8080/apples

/apples



# Exercise N4

The image shows a web browser window and a Visual Studio Code editor. The browser window displays a simple web form with the title "SimpleAdder.html". The form has a label "Enter two numbers" and two input fields. The first input field contains the number "200" and the second input field contains the number "400". Below the input fields is a "Click" button. The browser's address bar shows the URL "localhost:8080/SimpleAdder.html".

The Visual Studio Code editor is open to a file named "AdderWebServer.js". The code is a Node.js script that uses the "http" module to create a web server. It also uses the "fs" module to read a file. The server listens on port 8888. The code is as follows:

```
1 var http = require('http');
2 var url = require('url');
3 var fs = require('fs');
4 var addmod = require('./addmod.js');
5 http.createServer(function (req, res) {
6   var q = url.parse(req.url, true);
7   var filename = "." + q.pathname;
8   if (q.pathname === "/add.js")
9     addmod.add(req, res, q.query);
10  } else
11    fs.readFile(filename, function(err, data) {
12      if (err) {
13        res.writeHead(404, {'Content-Type': 'text/html'});
14        return res.end("404 Not Found");
15      }
16      res.writeHead(200); // Content-Type not included
17      res.write(data);
18      return res.end();
19    });
20  }).listen(8888);
```

The VS Code editor also shows the "PROBLEMS" panel, which displays a message from Microsoft: "Copyright (C) Microsoft Corporation. All rights reserved. Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows". The terminal panel shows the command "node AdderWebServer.js" being executed.

The bottom of the image shows a Windows taskbar with various icons, including the Start button, search bar, and several application icons. The system tray shows the date and time as "2:37 PM 8/1/2022".