

```
Command Prompt - node helloworld.js

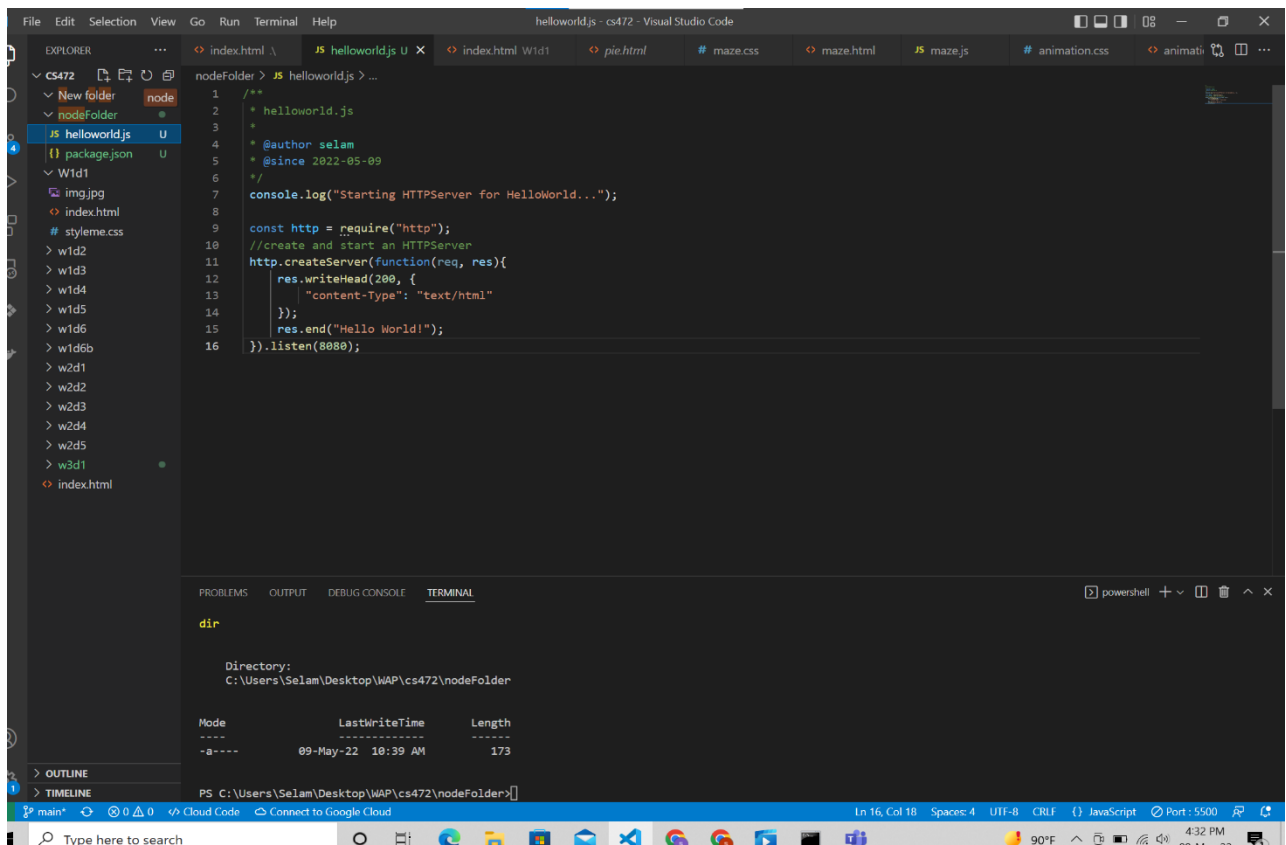
C:\Users\Salam\Desktop\WAP\cs472\nodeFolder>dir
Volume in drive C is Windows
Volume Serial Number is 5A04-ECF1

Directory of C:\Users\Salam\Desktop\WAP\cs472\nodeFolder

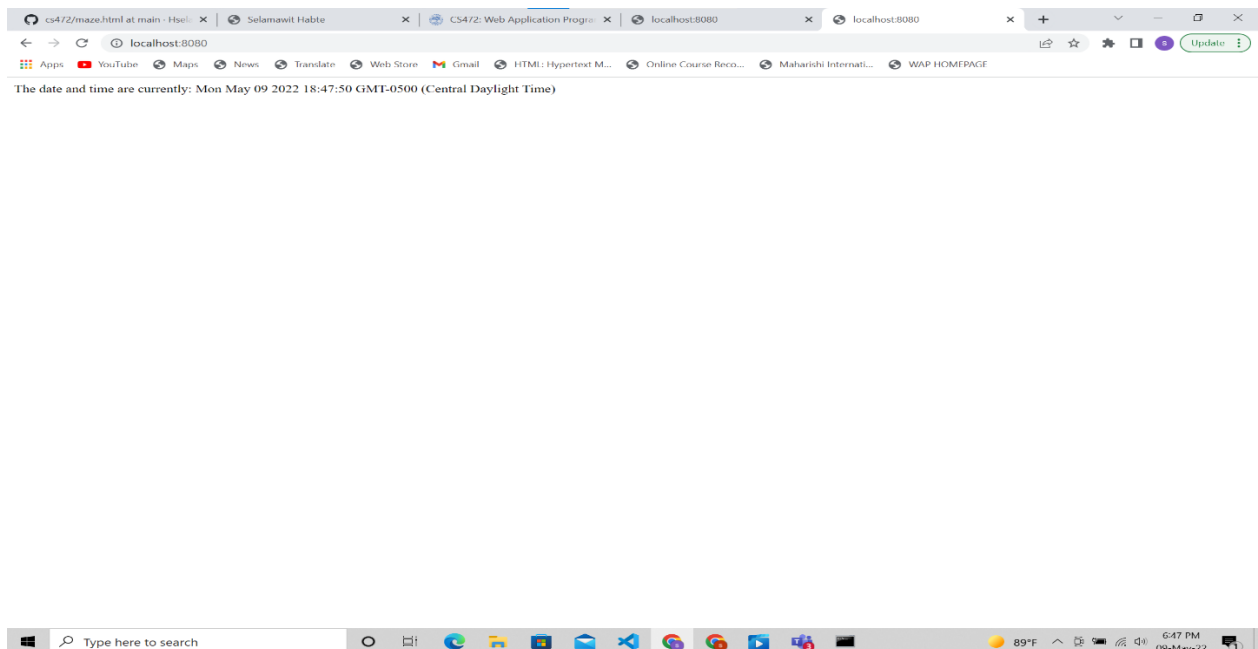
05-May-22 03:42 PM <DIR>          .
05-May-22 03:42 PM <DIR>          ..
05-May-22 03:49 PM             162 helloworld.js
05-May-22 03:38 PM             284 package.json
                2 File(s)      386 bytes
                2 Dir(s)      31,374,753,792 bytes free

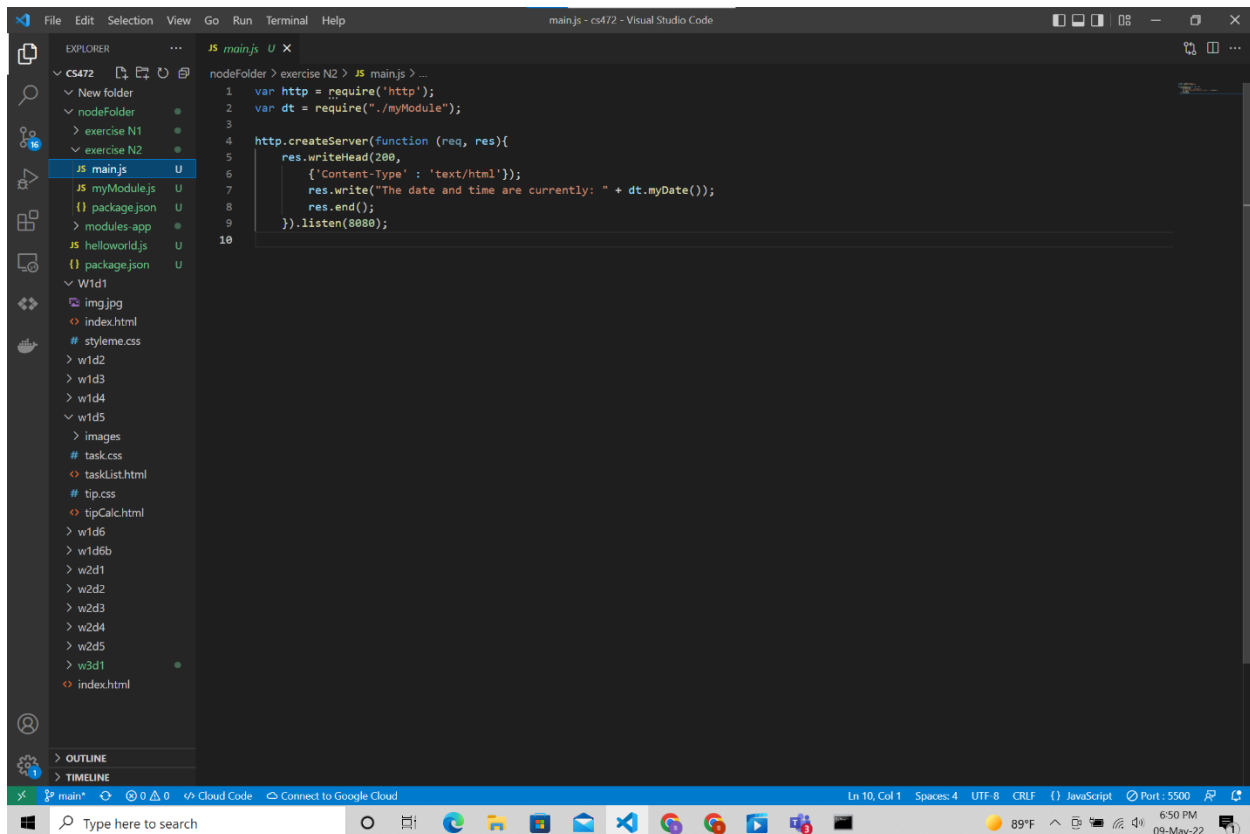
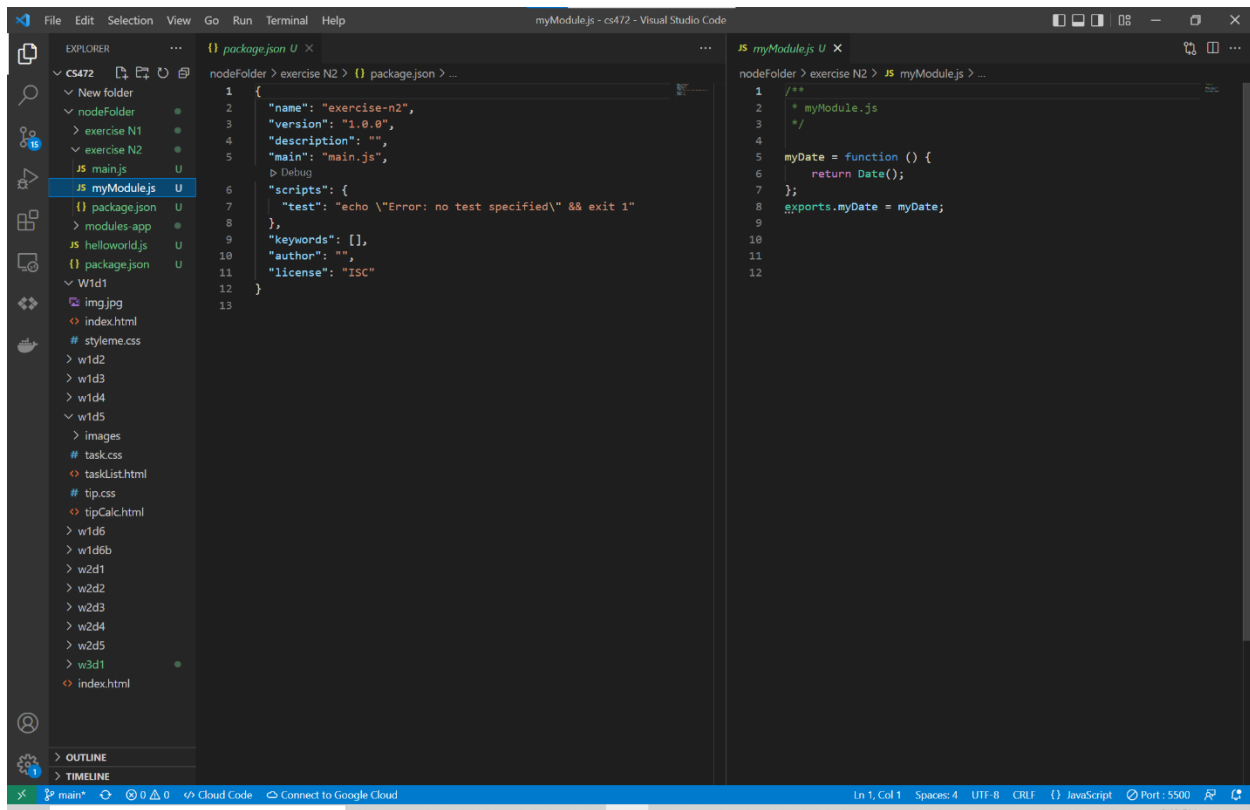
C:\Users\Salam\Desktop\WAP\cs472\nodeFolder>node helloworld.js
Hello World

C:\Users\Salam\Desktop\WAP\cs472\nodeFolder>node helloworld.js
Starting HTTPServer for HelloWorld...
```



QUESTION 2 SOLUTION





```
Command Prompt
C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>dir
Volume in drive C is Windows
Volume Serial Number is SAD4-ECF1

Directory of C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app

09-May-22 05:19 PM <DIR>      .
09-May-22 05:19 PM <DIR>      ..
                0 File(s)      0 bytes
                2 Dir(s)  31,387,340,880 bytes free

C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>npm init -y
Wrote to C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app\package.json:

{
  "name": "modules-app",
  "version": "1.0.0",
  "description": "",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "",
  "license": "ISC"
}

C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>dir
Volume in drive C is Windows
Volume Serial Number is SAD4-ECF1

Directory of C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app

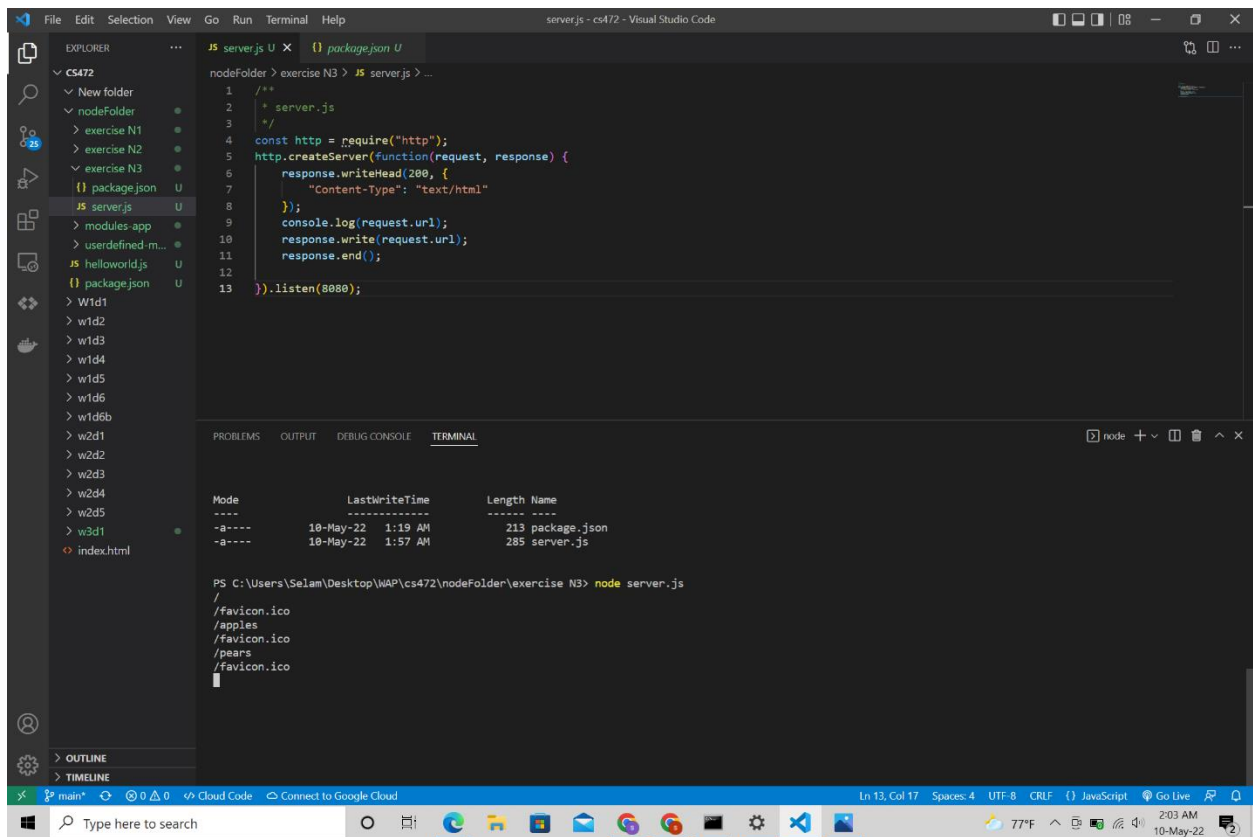
09-May-22 05:31 PM <DIR>      .
09-May-22 05:31 PM <DIR>      ..
09-May-22 05:30 PM      129 helloModule.js
09-May-22 05:33 PM       78 main.js
09-May-22 05:31 PM     224 package.json
                3 File(s)      431 bytes
                2 Dir(s)  31,386,517,584 bytes free

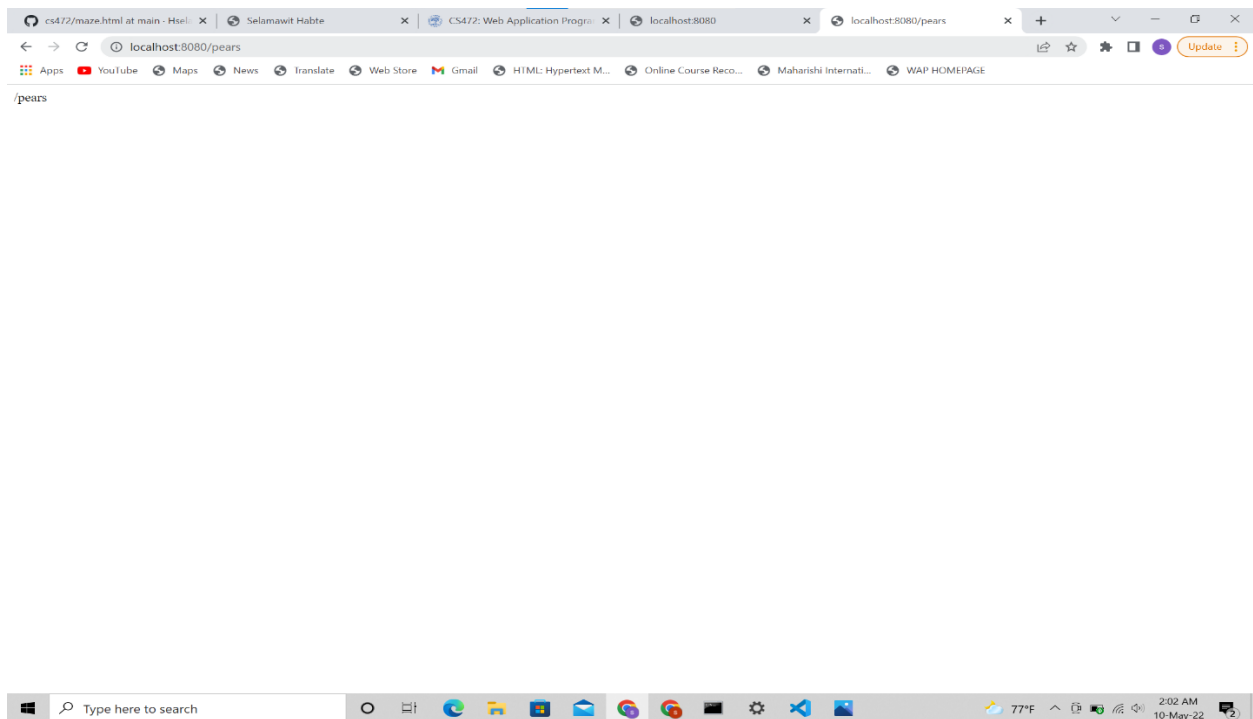
C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>node main.js
Hello, ${name}

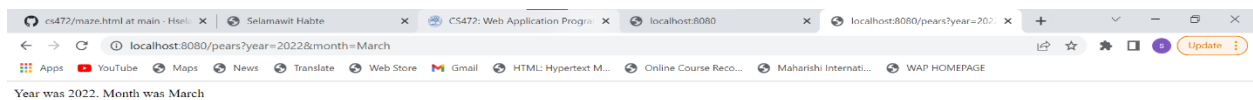
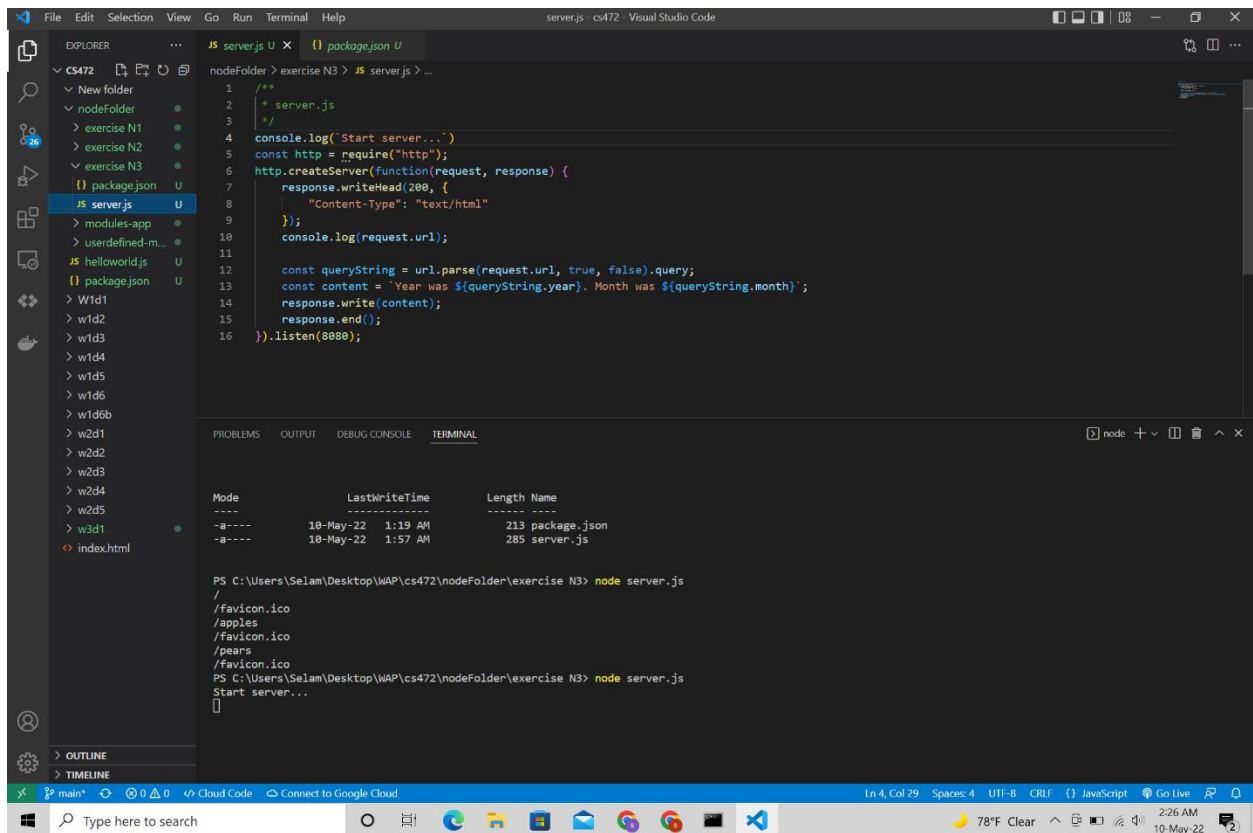
C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>node main.js
Hello, Selam

C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\modules-app>
```

QUESTION 3 SOLUTION







server.js - cs472 - Visual Studio Code

File Edit Selection View Go Run Terminal Help

EXPLORER

- CS472
 - New folder
 - nodeFolder
 - exercise N1
 - exercise N2
 - exercise N3
 - package.json
 - server.js
 - modules-app
 - userdefined-m...
 - helloworld.js
 - package.json
 - W1d1
 - w1d2
 - w1d3
 - w1d4
 - w1d5
 - w1d6
 - w1d6b
 - w2d1
 - w2d2
 - w2d3
 - w2d4
 - w2d5
 - w3d1
 - index.html

server.js

```
1 /**
2  * server.js
3  */
4 console.log('Start server...')
5 const http = require('http');
6 const url = require('url');
7 http.createServer(function(request, response) {
8     response.writeHead(200, {
9         'Content-Type': 'text/html'
10    });
11    console.log(request.url);
12
13    const queryString = url.parse(request.url, true, false).query;
14    const content = `Year was ${queryString.year}. Month was ${queryString.month}`;
15    response.write(content);
16    response.end();
17 }).listen(8080);
```

TERMINAL

PS C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\exercise N3> dir

Directory: C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\exercise N3

Mode	LastWriteTime	Length	Name
----	-----	-----	----
-a----	10-May-22 1:19 AM	213	package.json
-a----	10-May-22 2:34 AM	495	server.js

PS C:\Users\Selam\Desktop\WAP\cs472\nodeFolder\exercise N3> node server.js

Start server...
/pears?year=2022&month=March
/favicon.ico

Ln 6, Col 26 Spaces: 4 UTF-8 CR LF JavaScript Go Live

Type here to search

78°F Clear 2:36 AM 10-May-22