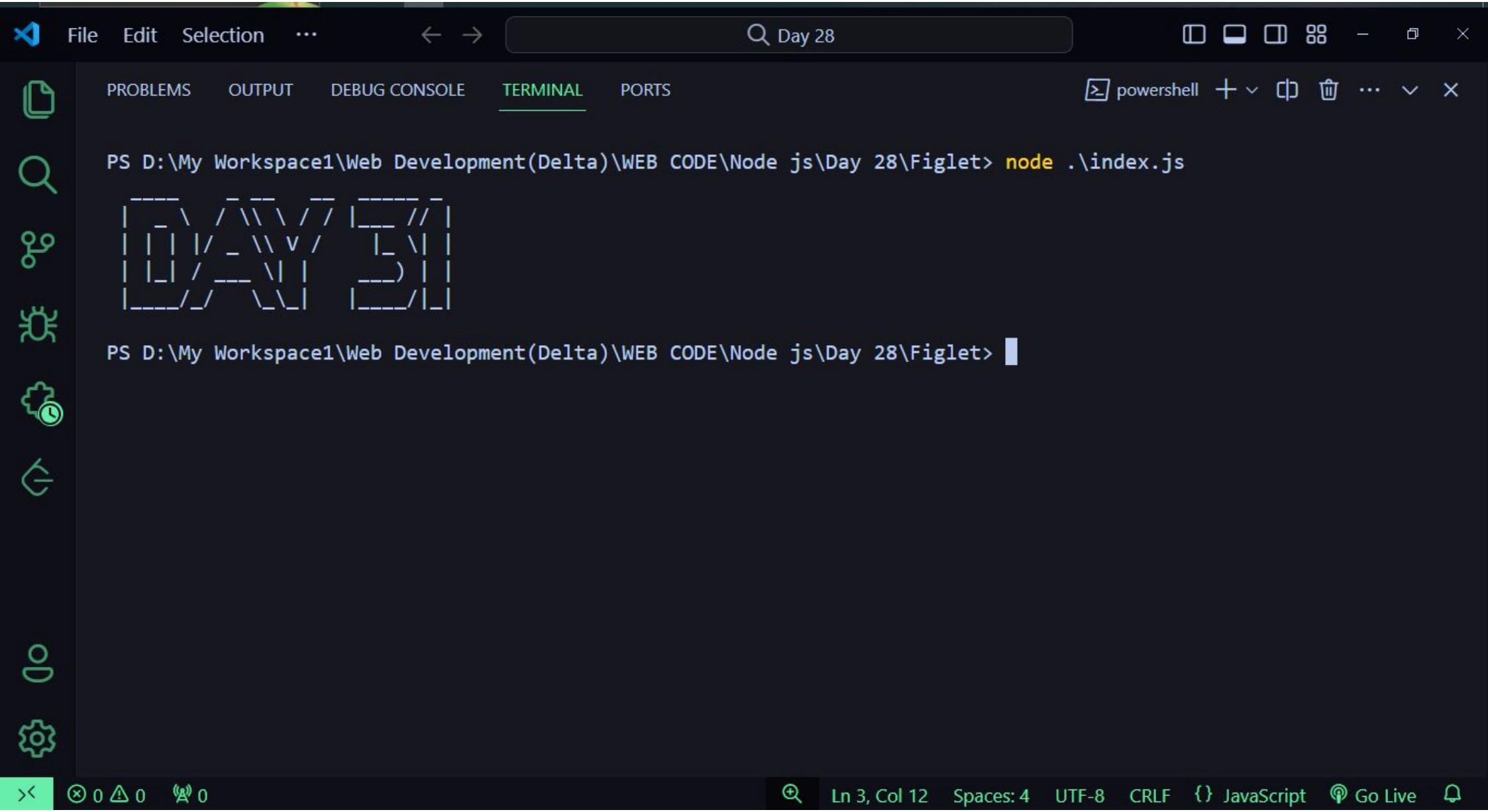

File Edit Selection ···
Day 28
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
powershell
PS D:\My Workspace1\Web Development(Delta)\WEB CODE\Node js\Day 28\Figlet> node .\index.js
PS D:\My Workspace1\Web Development(Delta)\WEB CODE\Node js\Day 28\Figlet>
Ln 3, Col 12 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live

* What is templating?

EJS :- Embedded Javascript templates

EJS is a simple templating language that lets you generate HTML markup with plain Javascript

* 1] npm init -y

This command is used to initialize a new node.js project & create a package.json file which default value without going through an iteractive process.
-y : yes.

2] npm install express

3] npm install ejs

4] touch index.js

* Using ejs

~~view → template~~

app.set("view engine", "ejs");

view → template

```
app.get("/", (req, res) => {
        res.render("home.ejs");
});
```

explanation :-
The line app.set(,); is used in node.js app with the express framework to set EJS as the templete engine.

The app.render() method in express is is used to render a view & return the render HTML content through a callback fn.

This method is particularly useful when you want to compile your template into template into HTML & either use it elsewhere or send it in the response.

* How to handle error when ~~the~~ you run code in parent directory ?

① Const Path = require("Path");
② app.set("views", Path.join(__dirname, "/views"));

* Interpolation Syntax :

Interpolation refer to embedding expression into marked up text.

<% 'scripset' tag for control-flow, no output
<%_ 'whitespace slurping' scriptlet tag, strips all whitespace before it
<%= output the value into the template
<%- output the unescaped value into the template
<%# Comment tag
<%% output a literal '<%'
%> Plain ending tag
-%> trim-mode tag, trims following newline.
_%> 'whitespace slurping' ending tag, remove all whitespace after it

* Conditional statement in EJS

```
<% if (dice == 6) { %>
    <h1> Nice! Roll dice again. </h1>
<% } %>
```

* Loop in EJS

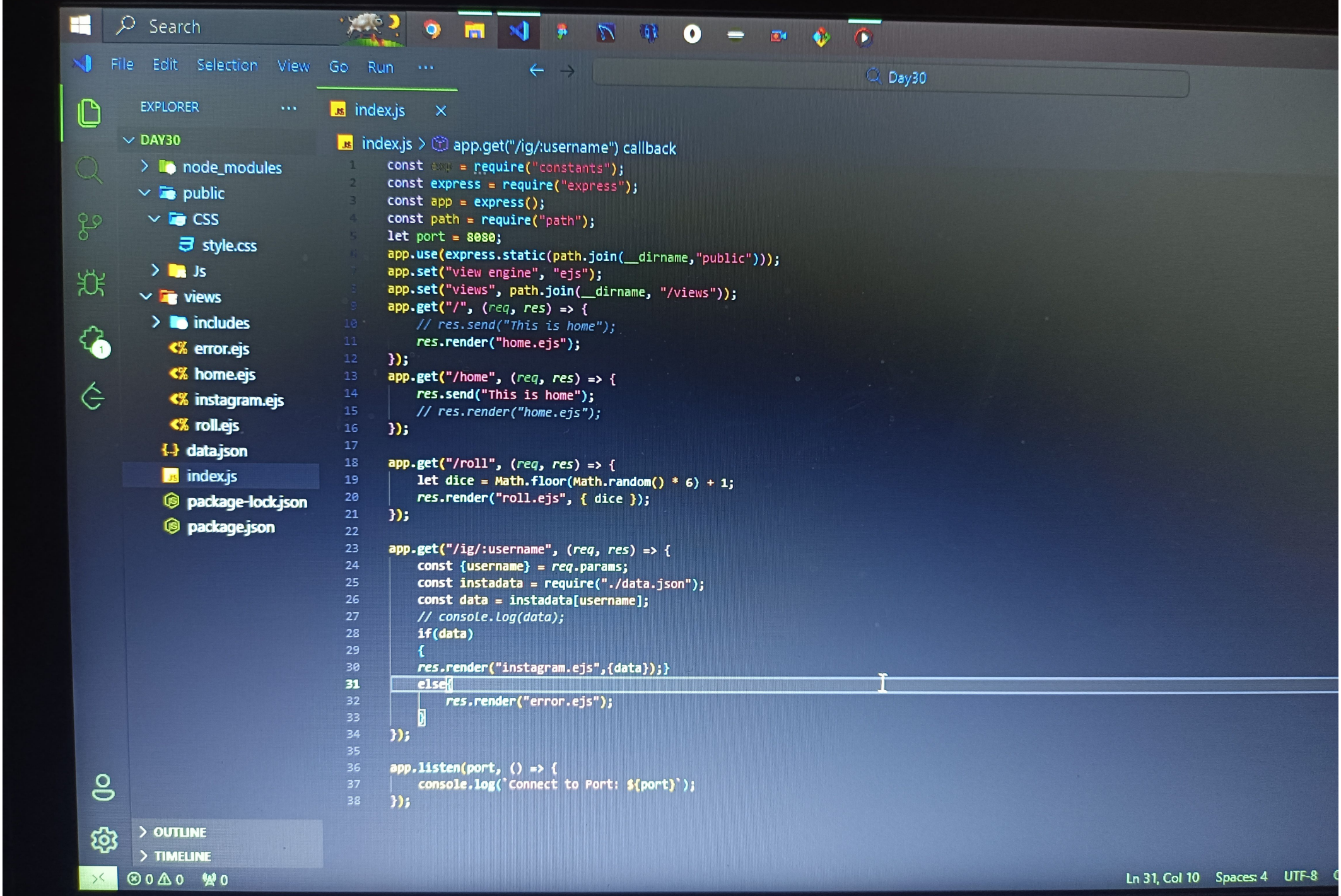
```
<% for (user of follower) { %>
<li> <%= user %> </li>
<% } %>
```

* include → subtemplate

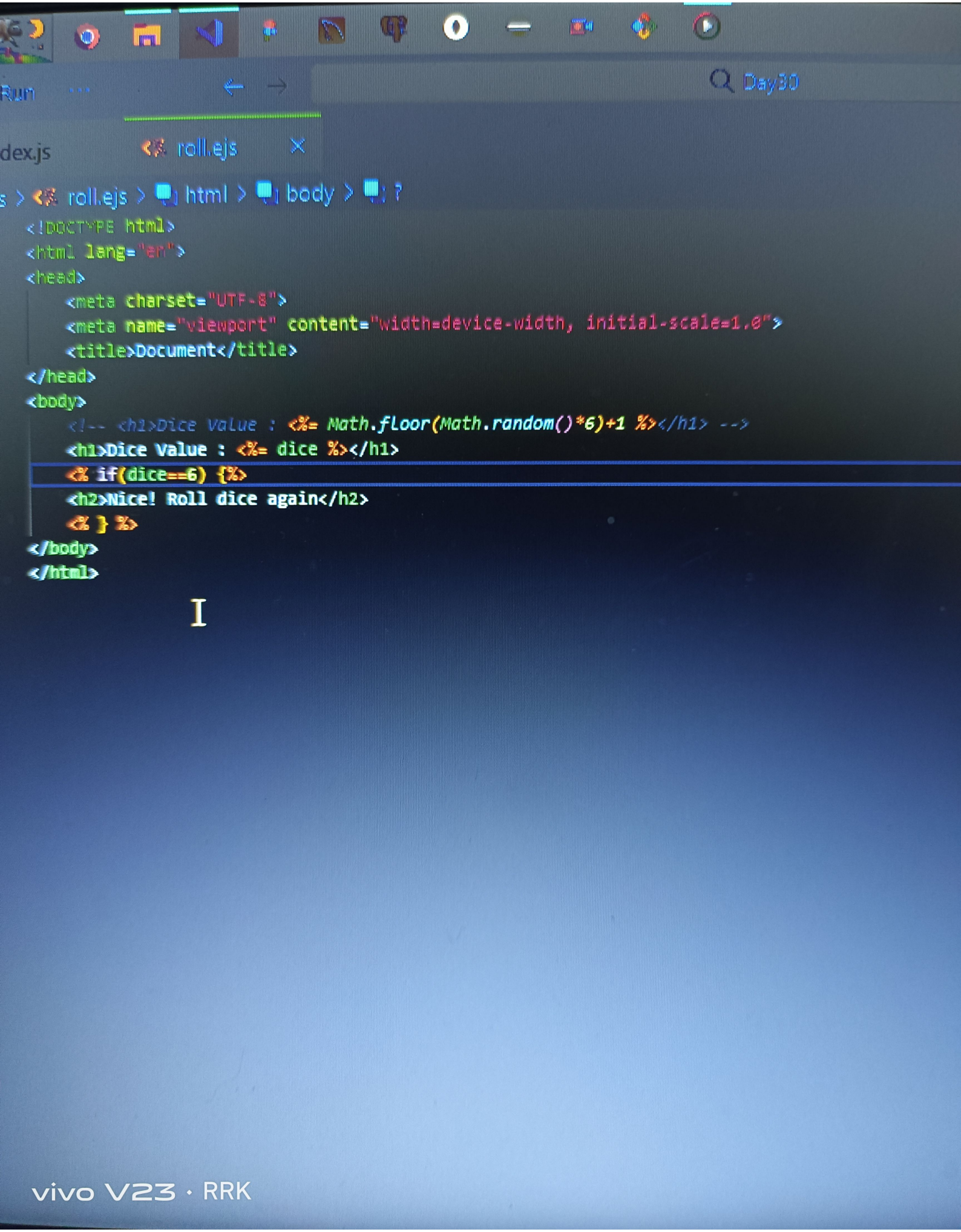
```
<% - include ("includes/head.ejs"); %>
```

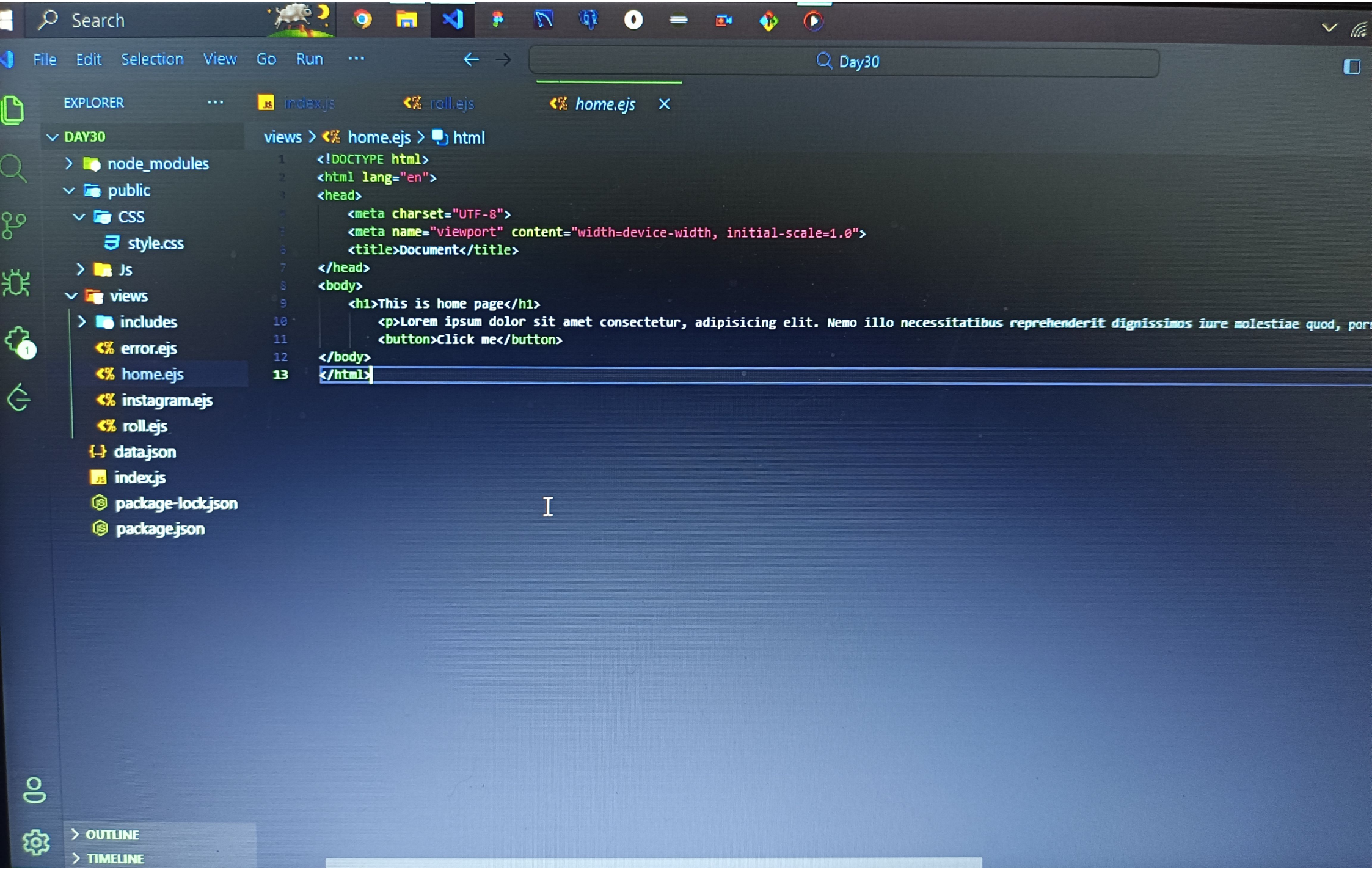
* Serving static file:

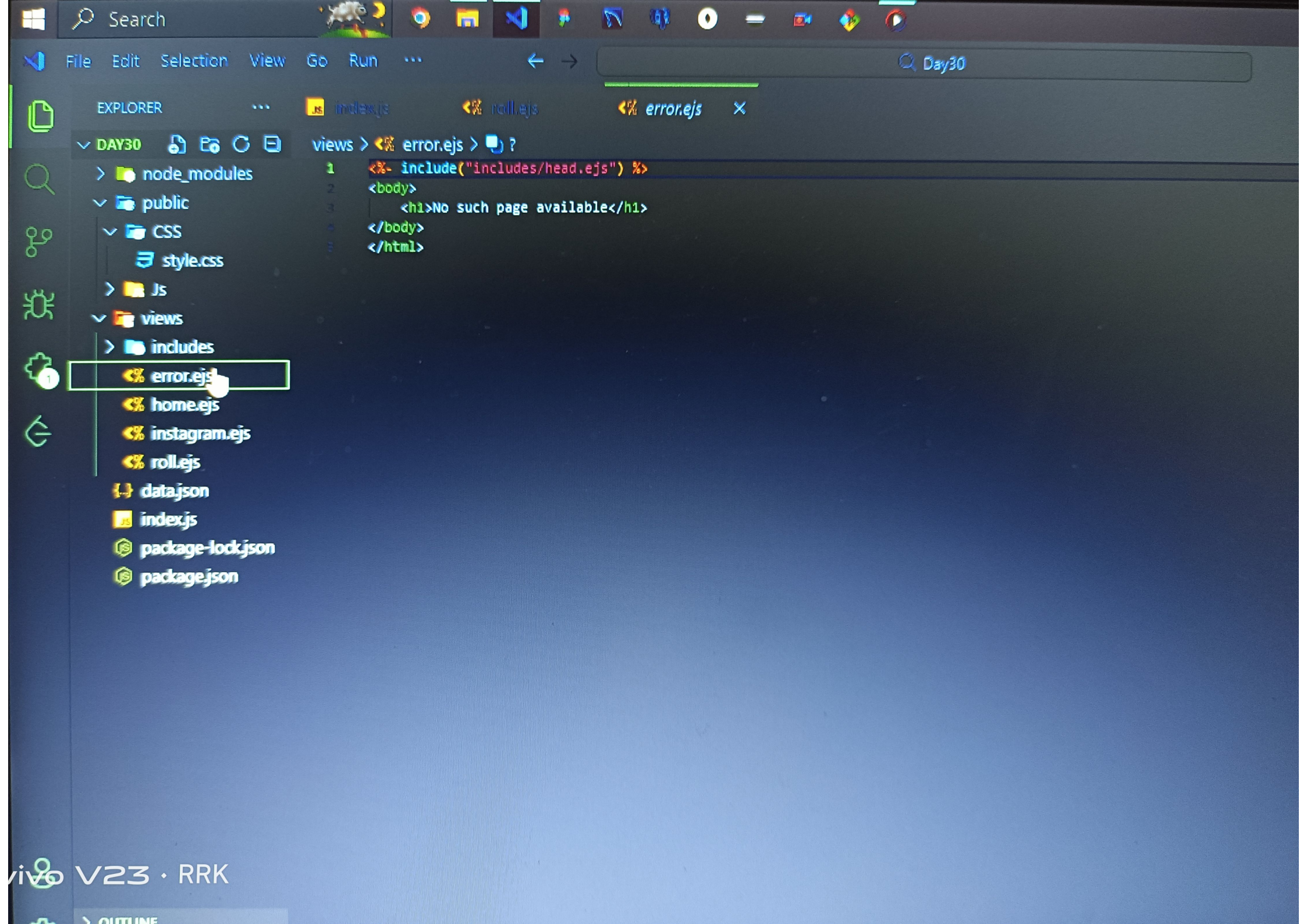
```
app.use(express.static(folder_name))

app.use(express.static(Path.join(__dirname, "Public")));
```

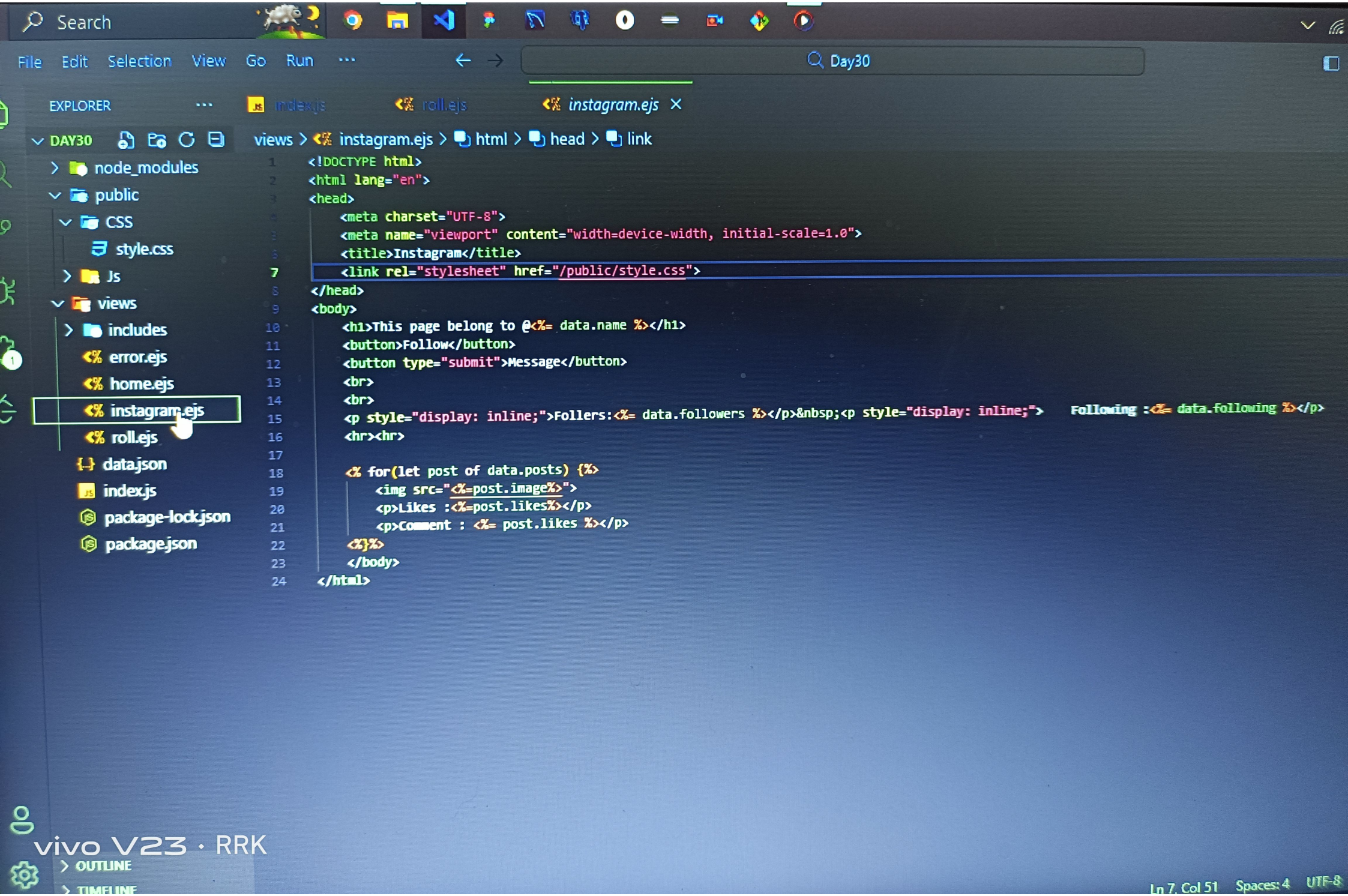

Search
File Edit Selection View Go Run ...
Day30
EXPLORER
index.js
DAY30
node_modules
public
CSS
style.css
Js
views
includes
error.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
index.js > app.get("/ig/:username") callback
const express = require("express");
const app = express();
const path = require("path");
let port = 8080;
app.use(express.static(path.join(__dirname,"public")));
app.set("view engine", "ejs");
app.set("views", path.join(__dirname, "/views"));
app.get("/", (req, res) => {
// res.send("This is home");
res.render("home.ejs");
});
app.get("/home", (req, res) => {
res.send("This is home");
// res.render("home.ejs");
});
app.get("/roll", (req, res) => {
let dice = Math.floor(Math.random() * 6) + 1;
res.render("roll.ejs", { dice });
});
app.get("/ig/:username", (req, res) => {
const {username} = req.params;
const instadata = require("./data.json");
const data = instadata[username];
// console.log(data);
if(data)
{
res.render("instagram.ejs",{data});}
else{
res.render("error.ejs");
}
});
app.listen(port, () => {
console.log(`Connect to Port: ${port}`);
});
OUTLINE
TIMELINE
Ln 31, Col 10
Spaces: 4
UTF-8

vivo V23 · RRK

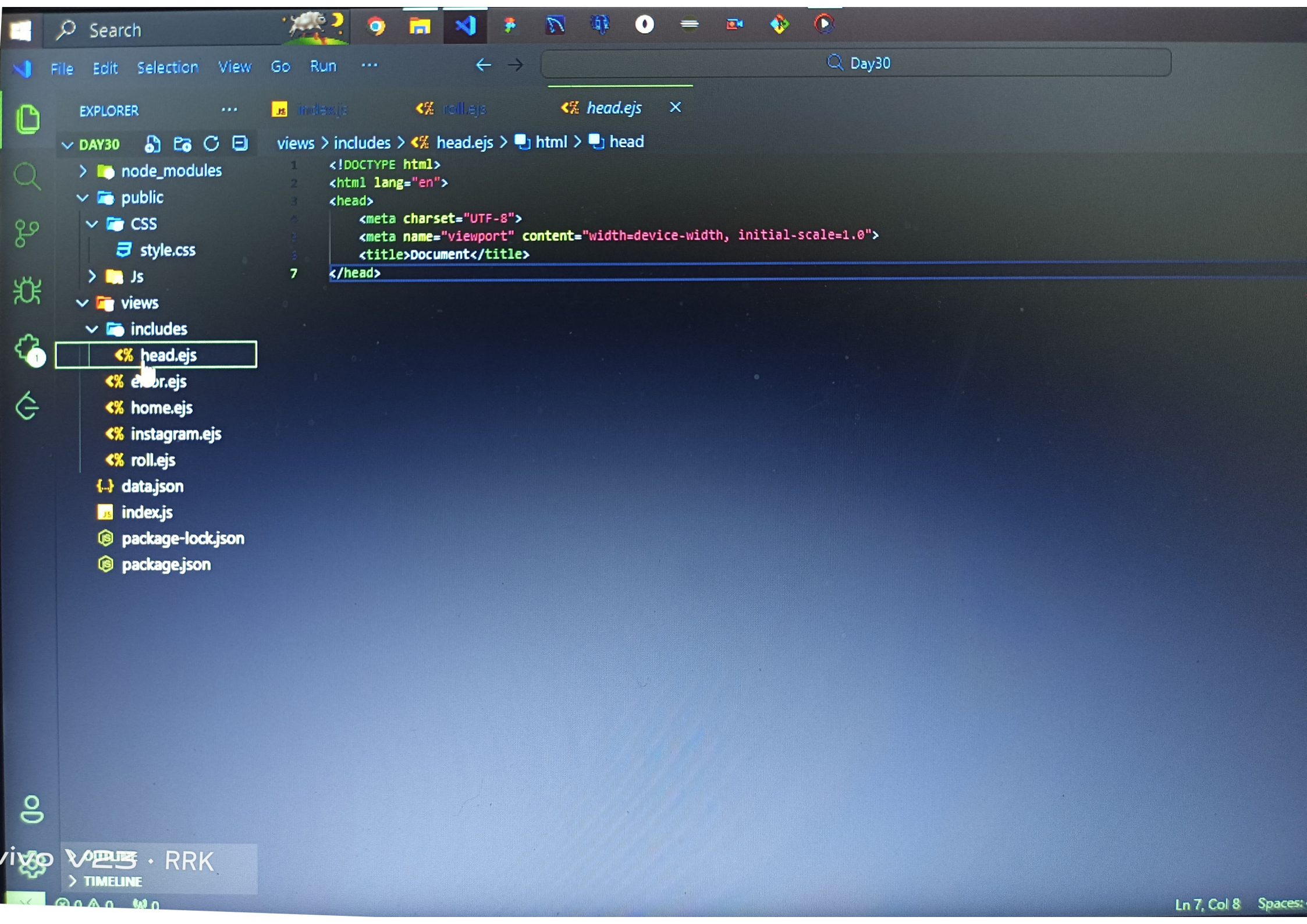

Run
Day30
dex.js
roll.ejs
s > roll.ejs > html > body > ?
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
<!-- <h1>Dice Value : <%= Math.floor(Math.random()*6)+1 %></h1> -->
<h1>Dice Value : <%= dice %></h1>
<% if(dice==6) {%>
<h2>Nice! Roll dice again</h2>
<% } %>
</body>
</html>
vivo V23 · RRK

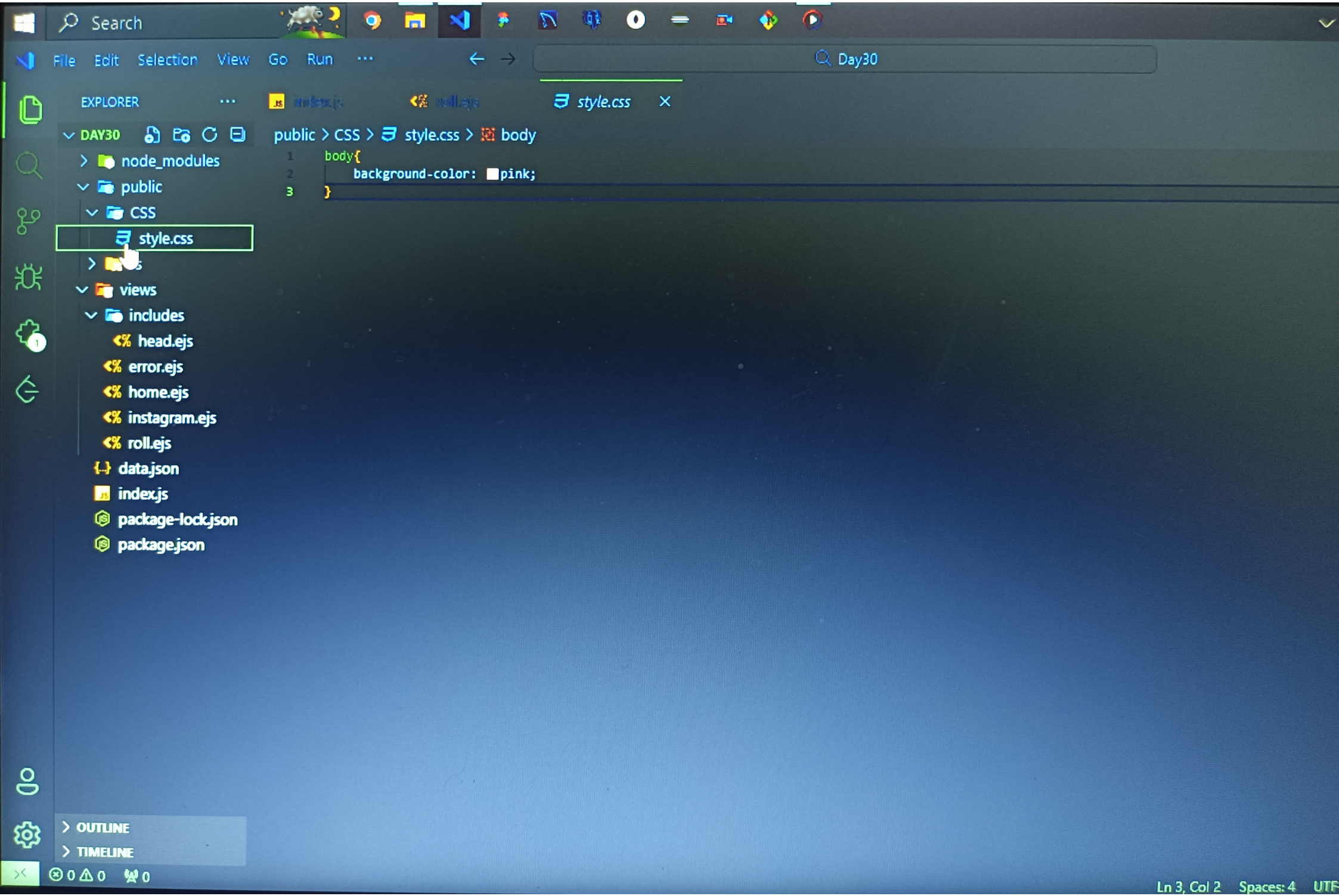

Search
File Edit Selection View Go Run ···
Day30
EXPLORER
index.js
roll.ejs
home.ejs
DAY30
views > home.ejs > html
node_modules
public
CSS
style.css
Js
views
includes
error.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Document</title>
7 </head>
8 <body>
9 <h1>This is home page</h1>
10 <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Nemo illo necessitatibus reprehenderit dignissimos iure molestiae quod, por
11 <button>Click me</button>
12 </body>
13 </html>
OUTLINE
TIMELINE


Search
File Edit Selection View Go Run
Day30
EXPLORER
index.js
roll.ejs
error.ejs
DAY30
views > error.ejs > ?
<%- include("includes/head.ejs") %>
<body>
<h1>No such page available</h1>
</body>
</html>
node_modules
public
CSS
style.css
Js
views
includes
error.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
vivo V23 · RRK


Search
File Edit Selection View Go Run ...
Day30
EXPLORER
index.js
roll.ejs
instagram.ejs
DAY30
views > instagram.ejs > html > head > link
node_modules
public
CSS
style.css
Js
views
includes
error.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Instagram</title>
<link rel="stylesheet" href="/public/style.css">
</head>
<body>
<h1>This page belong to @<%= data.name %></h1>
<button>Follow</button>
<button type="submit">Message</button>

Follers:<%= data.followers %>   Following :<%= data.following %>
<hr><hr>
<% for(let post of data.posts) {%>
<img src="<%=post.image%>">
Likes :<%=post.likes%>
Comment : <%= post.likes %>
<%}%>
</body>
</html>
OUTLINE
TIMELINE
Ln 7, Col 51
Spaces: 4
UTF-8


Search
File Edit Selection View Go Run ...
Day30
EXPLORER
index.js
roll.ejs
head.ejs
DAY30
views > includes > head.ejs > html > head
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Document</title>
7 </head>
node_modules
public
CSS
style.css
Js
views
includes
head.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
TIMELINE
Ln 7, Col 8


Search
File Edit Selection View Go Run ...
Day30
EXPLORER
style.css
DAY30
public > CSS > style.css > body
1 body{
2 background-color: pink;
3 }
node_modules
public
CSS
style.css
views
includes
head.ejs
error.ejs
home.ejs
instagram.ejs
roll.ejs
data.json
index.js
package-lock.json
package.json
OUTLINE
TIMELINE
0 0 0
Ln 3, Col 2
Spaces: 4
UTF