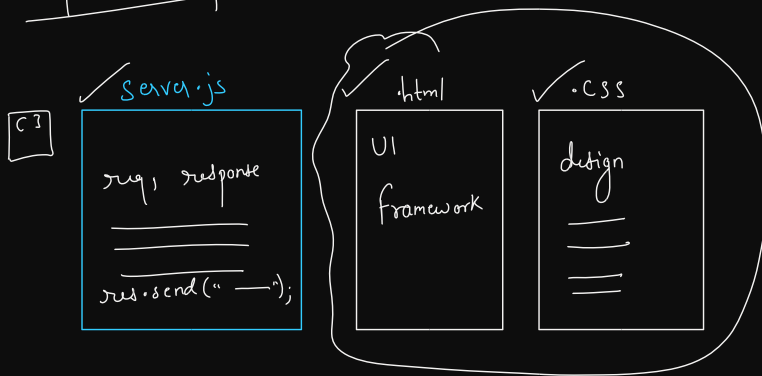


Day Day 4

Day 4

23 January 2025 09:34

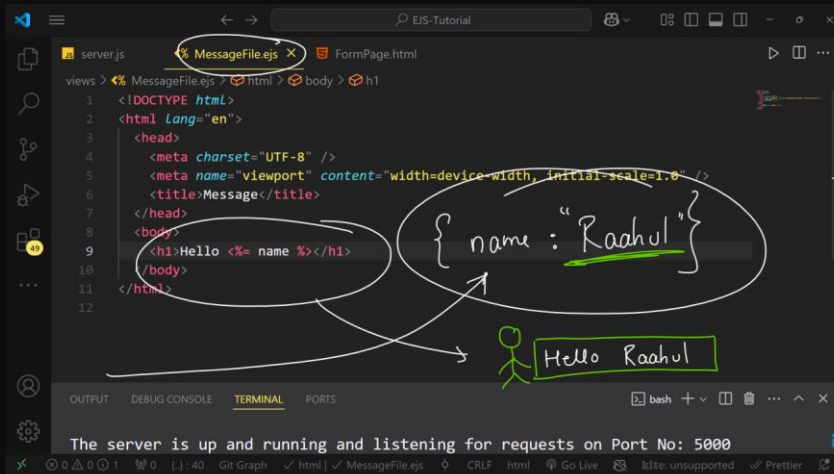
# Separation of Concern



```
public > CalculationResult.html > html > body > h1
2 <html lang="en">
3 <head>
4   <meta charset="utf-8" />
5   <title>Calculation Result</title>
6 </head>
7 <body>
8   <h1>${name}</h1>
9   and
10  <h1>{randomFemaleName}</h1>
11  have a matching percentage of
12  <h1>{randomPercentage}</h1>
13 </body>
14 </html>
15
16
```

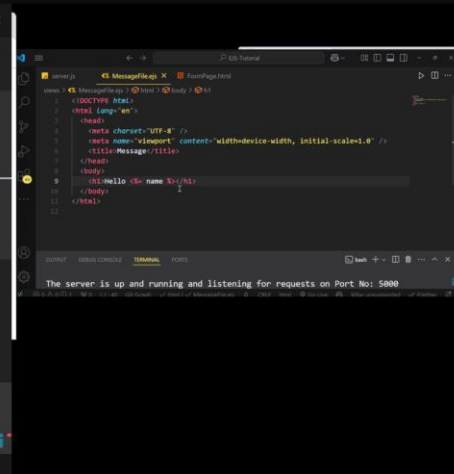
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3 <head>
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9   and
10  <h1>{randomFemaleName}</h1>
11  have a matching percentage of
12  <h1>{randomPercentage}</h1>
13 </body>
14 </html>
15
```

## Day Day 4



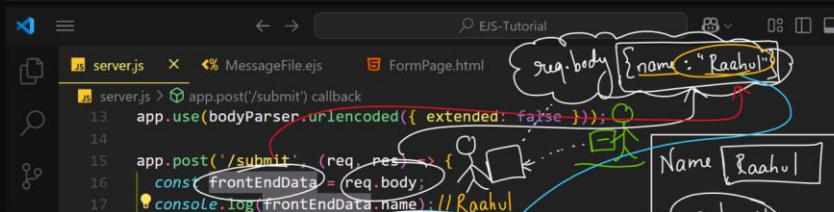
```
server.js MessageFile.ejs FormPage.html
views > MessageFile.ejs > html > body > h1
1 <!DOCTYPE html>
2 <html Lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0 />
6 <title>Message</title>
7 </head>
8 <body>
9 <h1>Hello <%= name %></h1>
10 </body>
11 </html>
12
```

The server is up and running and listening for requests on Port No: 5000

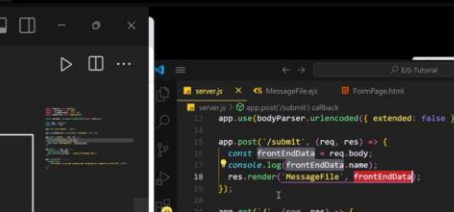


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2 <html Lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0 />
6 <title>Message</title>
7 </head>
8 <body>
9 <h1>Hello <%= name %></h1>
10 </body>
11 </html>
12
```

The server is up and running and listening for requests on Port No: 5000



```
server.js > app.post('/submit') callback
13 app.use(bodyParser.urlencoded({ extended: false }));
14
15 app.post('/submit', (req, res) => {
16   const frontendData = req.body;
17   console.log(frontendData.name); // Raahul
18 })
```



```
server.js > app.post('/submit') callback
13 app.use(bodyParser.urlencoded({ extended: false }));
14
15 app.post('/submit', (req, res) => {
16   const frontendData = req.body;
17   console.log(frontendData.name);
18   res.render('MessageFile', frontendData);
19 })
20 app.get('/', (req, res) => {
```

```
14 app.post('/submit', (req, res) => {
15   // const frontEndData = req.body;
16   const frontEndData = req.body;
17   console.log(frontEndData.name); // Raahul
18   res.render('MessageFile', frontEndData);
19 });
20
21 app.get('/', (req, res) => {
22   console.log(_dirname);
23   res.sendFile(_dirname + '/public/FormPage.html');
24 });
25
26 app.listen(PORT, () => {
27   console.log(
28     'The server is up and running and listening for requests on Port No: ' + PORT
29   );
30 });
```

Messagefile.ejs

```
{ name: "Raahul" }
```

Browser

The server is up and running and listening for requests on Port No: 5000

```
16 // const frontEndData = req.body;
17 // console.log(frontEndData.name);
18 // res.render('MessageFile', frontEndData);
19 // });
20
21 app.post('/submit', (req, res) => {
22   const frontEndData = req.body;
23   console.log(frontEndData.name);
24   res.render('MessageFile', { userName: frontEndData.name });
25 });
26
27 app.get('/', (req, res) => {
28   console.log(_dirname);
29   res.sendFile(_dirname + '/public/FormPage.html');
30 });
```

{ name: "Raahul" }

{ userName: "Raahul" }

The server is up and running and listening for requests on Port No: 5000

Hello Mayuri