Subject code & Name	:	**CSE304 & Full Stack Development**	Practical	:	**13**	Academic Year	:	**2024-25**

Task - 13

Aim

Create Sum of 2 Numbers Using post method and EJS in Express.

Code

app.js

```javascript
const express = require('express');
const bodyParser = require('body-parser');
const app = express();

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

app.use(bodyParser.urlencoded({ extended: false }));

app.get('/sum', (req, res) => {
  res.render('sum');
});

app.post('/sum-result', (req, res) => {
  const num1 = parseFloat(req.body.num1);
  const num2 = parseFloat(req.body.num2);
  const result = num1 + num2;
  res.render('sum-result', { num1, num2, result });
});

const PORT = 3000;
app.listen(PORT, () => {
  console.log(`Server running on port ${PORT}`);
});
```

Sum.ejs

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sum of Two Numbers</title>
</head>
```

```html
<body>
  <h1>Enter Two Numbers to Get the Sum</h1>
  <form action="/sum-result" method="POST">
    <label for="num1">Enter the first number:</label>
    <input type="number" name="num1" id="num1" required><br><br>

    <label for="num2">Enter the second number:</label>
    <input type="number" name="num2" id="num2" required><br><br>

    <button type="submit">Get Sum</button>
  </form>

</body>
</html>
```

Sum-result.ejs

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sum Result</title>
</head>
<body>
  <h1>Sum Result</h1>

  <p>The sum of <%= num1 %> and <%= num2 %> is: <strong><%= result %></strong></p>

</body>
</html>
```

Output

Enter Two Numbers to Get the Sum

Enter the first number: `20`

Enter the second number: `20`

Get Sum

13.1 take two number

Sum Result

The sum of 20 and 20 is: **40**

13.2 Ans page

Signature :