

Assignment No:14

```
import express from "express";
import bodyParser from "body-parser";
const app = express();
const PORT = 3000;
app.use(bodyParser.urlencoded({ extended: true }));
app.use(bodyParser.json());
// Home (GET)
app.get("/", (req, res) => {
  res.send(`<html>
    <head>
      <title>Express.js Demo</title>
      <style>
        body {
          font-family: 'Poppins', sans-serif;
          background: linear-gradient(135deg, #74ebd5, #ACB6E5);
          color: #333;
          text-align: center;
          margin-top: 80px;
        }
        h1 {
          color: #222;
          font-size: 36px;
          margin-bottom: 10px;
        }
        p {
          font-size: 18px;
          margin-top: 5px; }
        form {
          margin-top: 40px;
          background: #fff;
          padding: 25px;
          border-radius: 15px;
          display: inline-block;
          box-shadow: 0px 4px 20px rgba(0,0,0,0.2); }
        input {
          padding: 10px;
          margin: 10px;`)
```

```

        border: 1px solid #ccc;
        border-radius: 8px;
        font-size: 16px; }

button {
    background-color: #4CAF50;
    color: white;
    border: none;
    padding: 10px 20px;
    border-radius: 8px;
    cursor: pointer;
    font-size: 16px; }

button:hover {
    background-color: #45a049;
}

</style>
</head>
<body>

<h1>🚀 Express.js GET & POST Demo</h1>
<p>Use this simple form to test GET and POST requests!</p>
<form action="/greet" method="get">
    <h3>GET Request</h3>
    <input type="text" name="name" placeholder="Enter your name" required />
    <button type="submit">Send GET</button>
</form>
<form action="/submit" method="post">
    <h3>POST Request</h3>
    <input type="text" name="name" placeholder="Your Name" required />
    <input type="email" name="email" placeholder="Your Email" required />
    <button type="submit">Send POST</button>
</form>
</body>
</html>
');

});

// GET handler
app.get("/greet", (req, res) => {
    const name = req.query.name || "Guest";
    res.send(`<h1>Hello, ${name}! 🚀</h1><p>This is a GET response from Express.js!</p>`);
});

```

```
// POST handler
app.post("/submit", (req, res) => {
  const { name, email } = req.body;
  res.send(`

    <h1> ✅ POST Request Received!</h1>
    <p><strong>Name:</strong> ${name}</p>
    <p><strong>Email:</strong> ${email}</p>
  `);
});

app.listen(PORT, () => console.log(`Server running at http://localhost:\${PORT}`));
```

Output:

The screenshot shows a web application titled "Express.js GET & POST Demo". It features two main sections: "GET Request" and "POST Request".
In the "GET Request" section, there is an input field containing "diksha" and a green "Send GET" button.
In the "POST Request" section, there are two input fields: one with "Diksha" and another with "dikshamagdum15@gmail.com", followed by a green "Send POST" button.

Hello, diksha! 🙌

This is a GET response from Express.js!

✅ **POST Request Received!**

Name: Diksha

Email: dikshamagdum15@gmail.com