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| Subject code & Name | : | **CSE304 &**  **Full Stack Development** | Practical | : | **8** | Academic Year | : | **2024-25** |

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| **Task - 8** |
| **Aim** |
| Develop a simple web-based counter application that increments and decrements a counter value. |
| **Code** |
| server.js  const express = require('express');  const bodyParser = require('body-parser');  const app = express();  const port = 3000;  const path = require('path');  app.use(express.static(path.join(\_\_dirname, 'public')));  app.use(bodyParser.json());  let counter = 0;  app.get('/counter', (req, res) => {  res.json({ counter });  });  app.post('/counter/increment', (req, res) => {  counter += 1;  res.json({ counter });  });  app.post('/counter/decrement', (req, res) => {  counter -= 1;  res.json({ counter });  });  app.listen(port, () => {  console.log(`Server is running on http://localhost:${port}`);  });  index.html  <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>Counter App</title>  </head>  <body>  <h1>Counter: <span id="counter">0</span></h1>  <button onclick="incrementCounter()">Increment</button>  <button onclick="decrementCounter()">Decrement</button>  <script>  async function fetchCounter() {  const response = await fetch('/counter');  const data = await response.json();  document.getElementById('counter').innerText = data.counter;  }  async function incrementCounter() {  const response = await fetch('/counter/increment', { method: 'POST' });  const data = await response.json();  document.getElementById('counter').innerText = data.counter;  }  async function decrementCounter() {  const response = await fetch('/counter/decrement', { method: 'POST' });  const data = await response.json();  document.getElementById('counter').innerText = data.counter;  }  fetchCounter();  </script>  </body>  </html> |
| **Output** |
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| **Signature :** |