**Code:**

**const express = require('express');**

**const app = express();**

**app.use(express.urlencoded());**

**app.get('/', (req, res, next) => {**

**console.log("IN the middleware")**

**res.send(`**

**<form action='/output' method='post'>**

**<label>First Number: <input type="text" name="first"></label> <br>**

**<label>Second Number: <input type = "text" name = "second"></label> <br>**

**<label>Choose Operation<select name="operation">**

**<option value="add">Add</option>**

**<option value="subtract">Subtract</option>**

**<option value="multiply">Multiply</option>**

**<option value="divid">Divide</option>**

**</select></label><br>**

**<input type="submit">**

**</form>**

**`);**

**});**

**app.use('/output', (req, res, next) => {**

**var output;**

**const a = parseInt(req.body.first);**

**const b = parseInt(req.body.second)**

**if (req.body.operation === 'add') {**

**output = a + b;**

**} else if (req.body.operation === 'subtract') {**

**output = a - b;**

**} else if (req.body.operation === 'multiply') {**

**output = a \* b;**

**} else {**

**output = a / b;**

**}**

**res.send(`<h1>The result is ${output} </h1>**

**<form action='/' method='get'>**

**<input type="submit" value = "Abother Calculation">**

**</form>**

**`);**

**});**

**app.listen(3000, () => {**

**console.log('Your Server is running on 4000');**

**});**

**Output:**

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

   
   
   
 