const express = require('express');

const app = express();

app.use(express.urlencoded({ extended: true }))

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

res.send(`

<form action="http://localhost:7080/calculate" method="post">

<fieldset>

<legend>

Enter two numbers

</legend>

<div>

<input type="number" name="firstNumber" /><br />

<input type="number" name="secondNumber" /><br />

<select name="type">

<option value="+">+</option>

<option value="-">-</option>

<option value="\*">\*</option>

<option value="/">/</option>

</select>

<input type="submit" value="Click" style="width:150px;"/>

</div>

</fieldset>

</form>

`);

});

app.post('/calculate', (req, res) => {

let params = req.body;

let result = 0;

switch(params.type){

case '+':

result = Number(params.firstNumber) + Number(params.secondNumber);

break;

case '-':

result = Number(params.firstNumber) - Number(params.secondNumber);

break;

case '\*':

result = Number(params.firstNumber) \* Number(params.secondNumber);

break;

case '/':

result = Number(params.firstNumber) / Number(params.secondNumber);

break;

}

res.send(`

<h1> The answer is ${result} </h1>

<a href="http://localhost:7080"> Another Calculation </a>

`);

});

app.listen(7080, (req, res) => {

console.log("Listening on Port 7080.... ");

});



