

Simple Calculator

<https://github.com/tsitotaw/tsitotaw.github.io/tree/master/nodejs/simpleCalculator>

```
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.... ");
});

```

Enter two numbers

34	
56	
+ ▼	Click

The answer is 90

[Another Calculation](#)

Enter two numbers

56	↕
2	
/ ▼	Click

The answer is 28

[Another Calculation](#)