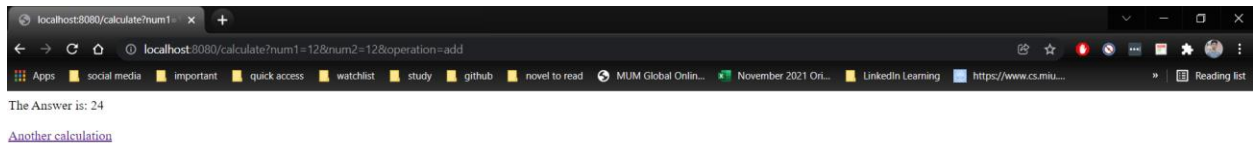
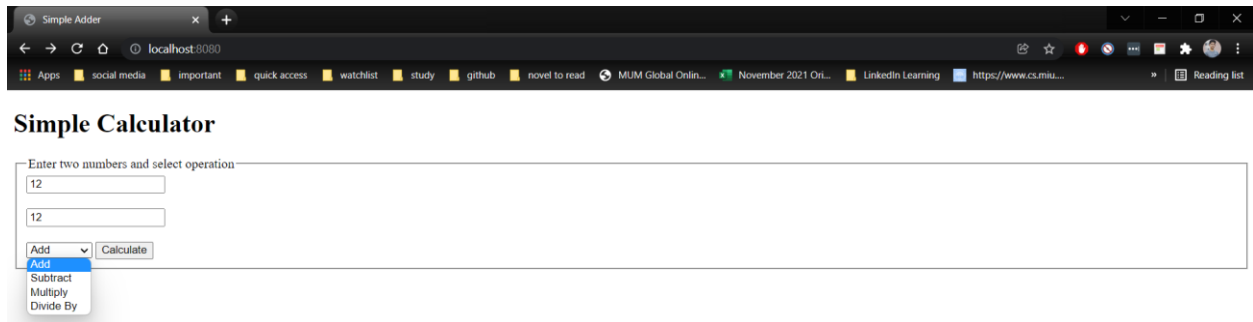


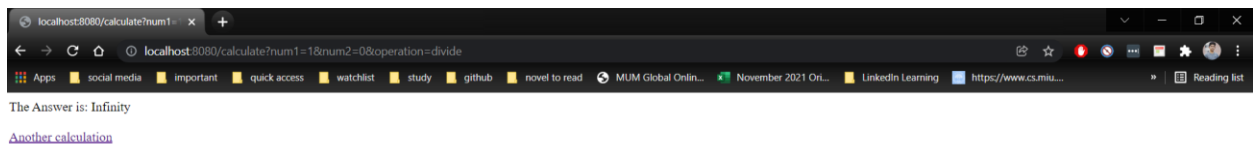
Simple Calculator

Output:



The Answer is: 24

[Another calculation](#)



The Answer is: Infinity

[Another calculation](#)

Code:

App.js

```
const url = require('url');

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

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

app.use(express.static("./public"));

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

  const operation = req.query.operation;
  const num1 = req.query.num1;
  const num2 = req.query.num2;
```

```

    let answer = 0;
    switch (operation) {
      case "add":
        answer = parseFloat(num1) + parseFloat(num2);
        break;

      case "subtract":
        answer = parseFloat(num1) - parseFloat(num2);
        break;

      case "divide":
        answer = parseFloat(num1) / parseFloat(num2);

        break;
      case "multiply":
        answer = parseFloat(num1) * parseFloat(num2);
        break;
      default:
        res.redirect("/");
        break;
    }

    res.send(`The Answer is: ${answer} <br/><br/>
    <div><a href="${req.protocol}://${req.hostname}:${port}">Another
calculation</div>`);
  });

  app.get('/', (req, res) => {
    res.sendFile('node_folder/simple_calculator/public/index.html', { root: '.' });
  });
});

// PORT
const port = process.env.PORT || 8080;
app.listen(port, () => console.log(`Listening on port ${port}...`));

```

index.html

```

<!DOCTYPE html>
<html lang="en">

```

```

<head>
  <meta charset="UTF-8" />
  <meta http-equiv="X-UA-Compatible" content="IE=edge" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <link rel="stylesheet" href="../../css/simplecalculator.css" />
  <title>Simple Adder</title>
</head>
<body>
  <div class="container">
    <h1>Simple Calculator</h1>
    <fieldset>
      <legend>Enter two numbers and select operation</legend>
      <form id="calc-form" action="http://localhost:8080/calculate">
        <input type="text" name="num1" required /><br /><br />
        <input type="text" name="num2" required /><br /><br />
        <select name="operation">
          <option value="add">Add</option>
          <option value="subtract">Subtract</option>
          <option value="multiply">Multiply</option>
          <option value="divide">Divide By</option>
        </select>
        <input type="submit" value="Calculate" />
      </form>
    </fieldset>
  </div>
</body>
</html>

```

Simplecalculator.css

```

body {
  font-size: 16px;
  font-family: sans-serif;
}

.container {
  width: 400px;
  margin: 40px;
}

fieldset {
  padding: 20px;
}

```

```
}  
  
select {  
  margin-right: 15px;  
}  
  
h1 {  
  text-align: center;  
}
```