

//App.js

```
"use strict";
const express = require("express");
const operation = require("./operation");
const path = require("path");
const PORT = 3000;
const app = express();

app.use(express.urlencoded({ extended: false }));
app.use("/static", express.static("./views"));

app.post("/submit-form", function (req, res) {
  const first = parseInt(req.body.first);
  const second = parseInt(req.body.second);
  const operator = req.body.operator;
  const result = operation(first, second, operator);
  res.redirect(303, "/send-result?result=" + result);
});

app.get("/send-result", (req, res) => {
  res.send(`
    The result is ${req.query.result} <br>
    <a href = "/">Another calculation </a>`);
});

app.use("/", function (req, res) {
  res.sendFile(path.join(__dirname, "./views/calculator.html"));
});

app.listen(PORT);
```

//operation.js

```
"use-strict";

const operation = function (first, second, operator){

  first = parseInt(first);
  second = parseInt(second);
  if (operator === "add"){
```

```
        return first + second;
    }
    if (operator === "subtract"){
        return first - second;
    }
    if (operator === "multiply"){
        return first * second;
    }
    if (operator === "divide"){
        return first / second;
    }
};
module.exports = operation;
```

//calculator.css

```
input[type = "text"]{
    margin-top: 20px;
    background-color: rgb(226, 230, 233);
    font:"white";
}
```

//calculator.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="static/calculator.css">
    <title>Simple Calculator</title>
  </head>
  <body>
```

```
<div>
  <form action="/submit-form" method="post">
    <div>
      <input type="text" name="first" id="first" />
    </div>
    <div>
      <input type="text" name="second" id="second" />
    </div>
    <select name="operator" id="operator">
      <option value="">select</option>
      <option value="add">Add</option>
      <option value="subtract">Subtract</option>
      <option value="multiply">Multiply</option>
      <option value="divide">Divide</option>
    </select>
    <div>
      <input type="submit" value="Calculate" id="submit" />
    </div>
  </form>
</div>
</body>
</html>
```