

BACKEND WEB DEVELOPMENT PROJECT (CALCULATOR)

```
1 const express = require("express");
2 const bodyParser = require("body-parser");
3 const app = express();
4 app.use(bodyParser.urlencoded({ extended: true }));
5 app.get("/", (req, res) => res.sendFile(__dirname +
  "/calculator.html"));
6 app.get("/about", (req, res) => res.send("hi welcome to facebook"));
7 app.post("/", function(req, res) {
8   var num1 = Number(req.body.n1);
9   var num2 = Number(req.body.n2);
10  var result = num1 + num2;
11  res.send("the result of your calculation is " + result);
12 });
13 app.listen(3000, function() {
14   console.log("hello");
15 });
```

The console output shows the following commands and responses:

```
~/ChocolateSeagreenChord$ cd intro
~/ChocolateSeagreenChord/intro$ node index.js
hello
express deprecated res.sendFile: Use res.sendFile instead index.js:
3:32
^C
~/ChocolateSeagreenChord/intro$ node index.js
hello
```

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Calculator</title>
5   <link rel="stylesheet" type="text/css" href="calculator.css">
6 </head>
7 <body>
8   <h1>Calculator</h1>
9   <form action="/" method="post">
10    <input type="text" name="n1" placeholder="first number">
11    <input type="text" name="n2" placeholder="second number">
12    <button>calculate: <input type="calculate"> </button>
13
14    <script src="index.js"></script>
15  </body>
16 </html>
```

The console output is the same as in the first screenshot, showing the server running and responding to requests.



