

# *BMI Routing Challenge*

**Code:**

**bmiCalculator.html:**

```
<!DOCTYPE html>

<html lang="en" dir="ltr">

  <head>

    <meta charset="utf-8">

    <title></title>

  </head>

  <body>

    <h1>BMI Calculator</h1>

    <form action="/bmicalculator" method="post">

      <input type="text" name="weight" placeholder="Weight">

      <input type="text" name="height" placeholder="Height">

      <button type="submit">Calculate BMI</button>

    </form>

  </body>

</html>
```

**Calculator.js:**

```
//jshint esversion:6

const express = require('express');
const bodyParser = require("body-parser");

const app = express();
app.use(bodyParser.urlencoded({
  extended: true
}));
```

```
app.get("/", function(req, res) {  
    //console.log(req);  
    //res.send("Hello, World!");  
    //res.sendFile("index.html"); //For whole file like html file "location"  
    //if path is not known then  
    //console.log(__dirname); //see path  
    res.sendFile(__dirname + "/index.html");  
});  
  
app.post("/", function(req, res) {  
    //console.log(req.body.num1);  
    var num1 = Number(req.body.n1);  
    var num2 = Number(req.body.n2);  
    var result = num1 + num2;  
    res.send("The result of the calculation is: " + result);  
    //res.send("Thanks for posting that!");  
});  
  
app.get("/bmicalculator", function(req, res) {  
    res.sendFile(__dirname + "/bmicalCulator.html");  
});  
  
app.post("/bmiCalculator", function(req, res) {  
    var weight = parseFloat(req.body.weight);  
    var height = parseFloat(req.body.height);  
  
    var bmi = weight / (height * height);  
    res.send("Your bmi is: " + bmi);
```

```
});
```

```
app.listen(3000, function() {  
  console.log("Server startedon port 3000.");  
});
```

**Index.html:**

```
<!DOCTYPE html>
```

```
<html lang="en" dir="ltr">
```

```
  <head>
```

```
    <meta charset="utf-8">
```

```
    <title>Calculator</title>
```

```
  </head>
```

```
  <body>
```

```
    <h1>Calculator</h1>
```

```
    <form action="/" method="post">
```

```
      <input type="text" name="n1" placeholder="First Number">
```

```
      <input type="text" name="n2" placeholder="Second Number">
```

```
      <button type="submit" name="submit">Calculate</button>
```

```
    </form>
```

```
  </body>
```

```
</html>
```