Processing Post Requests with Body Parser

Search **list of http status codes**

app.post("/",function(req,res){

  res.send("Thanks for posting that!");

});

```
Microsoft Windows [Version 10.0.19042.1826]
(c) Microsoft Corporation. All rights reserved.

C:\Users\M.A Computer>cd desktop

C:\Users\M.A Computer\Desktop>cd Calculator

C:\Users\M.A Computer\Desktop\Calculator>npm install body-parser

up to date in 1m

7 packages are looking for funding
  run `npm fund` for details

C:\Users\M.A Computer\Desktop\Calculator>nodemon calculator.js
[nodemon] 2.0.19
[nodemon] to restart at any time, enter `rs`
[nodemon] watching path(s): *.*
[nodemon] watching extensions: js,mjs,json
[nodemon] starting `node calculator.js`
Server startedon port 3000.
[nodemon] restarting due to changes...
[nodemon] starting `node calculator.js`
Server startedon port 3000.
5
[nodemon] restarting due to changes...
[nodemon] starting `node calculator.js`
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npm install body-parser

Code:

Difference between value and placeholder

Index.html:

```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>
```

Calculator.js:

```javascript
//jshint esversion:6

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

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

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

Path.js:

```javascript
console.log(__dirname);
```