Assignment No. 1 B

Program Code:

index.js

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


app.use(express.json());


var data = {
   firstName: "",
   lastName:""
}


app.get('/', function(req, res){
   res.sendFile(__dirname+"/");
});


app.post("/", (req, res) => {
   const userData = req.body
   data = userData;

   // console.log(data)
   res.status(200).json(data);
});
app.listen(3000);
```

index.html

```html
<!doctype html>
<html lang="en">
<head>
   <!-- Required meta tags -->
   <meta charset="utf-8">
   <meta name="viewport"
content="width=device-width, initial-scale=1">


   <!-- Bootstrap CSS -->
   <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></script>


   <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet"
      integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC" crossorigin="anonymous">


   <title>Assignment 1B</title>
</head>

<body>
   <div class="container">
      <div class="row">
         <form class="col-4 mx-auto pt-5">
            <h1 class="text-center">Assignment 1B</h1><br><br>
               <div class="mb-3">
```
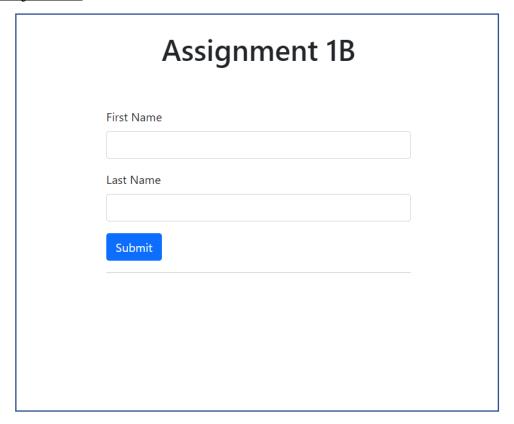
```html
            <label
for="exampleInputText" class="form-
label">First Name</label>

            <input type="text"
class="form-control"
id="exampleInputText" aria-
describedby="name" name="fname">

        </div>

        <div class="mb-3">

            <label
for="exampleInputText2" class="form-
label">Last Name</label>

            <input type="text"
class="form-control"
id="exampleInputText2" aria-
describedby="name" name="lname">

        </div>

        <button type="button"
onclick="submitForm()" class="btn btn-
primary">Submit</button>

        <br><hr>

        <small class="small text-
success" id="h1tag"></small>

    </form>

  </div>

  </div>


  <script
src="https://cdn.jsdelivr.net/npm/bootstrap
@5.0.2/dist/js/bootstrap.bundle.min.js"

    integrity="sha384-
MrcW6ZMFYlzcLA8Nl+NtUVF0sA7Ms
XsP1UyJoMp4YLEuNSfAP+JcXn/tWtIax
VXM"

    crossorigin="anonymous"></script>
```

```html
</body>


<script>

  function submitForm() {

    var name =
$('input[name=fname]').val();

    var lname =
$('input[name=lname]').val();

    // console.log(name + lname);

    $.ajax({

      type: "POST",

      url: 'http://localhost:3000/',

      data: JSON.stringify({

        name, lname

      }),

      contentType: "application/json;
charset=utf-8",

      traditional: true,

      success: function (data) {

        // console.log(data.name);


document.getElementById("h1tag").inner
HTML = "Your full name is : " +
data.name + " " + data.lname;

      }

    })

  }

</script>


</html>
```

Output: Running server on localhost:3000 : http://localhost:3000/

<u>Before ajax call:</u>

Assignment 1B

First Name

Last Name

Submit

<u>After Ajax call:</u>

Assignment 1B

First Name

Onkar

Last Name

Swami

Submit

Your full name is : Onkar Swami