

## Assignment No. 1 B

### Program Code:

index.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

```
<!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/bootstra  
  p@5.0.2/dist/css/bootstrap.min.css"  
  rel="stylesheet"
```

```
  integrity="sha384-
```

```
  EVSTQN3/azprG1Anm3QDgpJLIm9Nao  
  0Yz1ztcQTwFspd3yD65VohhpuuCOMLA  
  SjC" 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">
```

```

        <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>

```

```

</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/

**Before ajax call:**

## Assignment 1B

First Name

Last Name

Submit

**After Ajax call:**

## Assignment 1B

First Name

Onkar

Last Name

Swami

Submit

Your full name is : Onkar Swami