Name: Siddhesh Avinash Dhinge
Roll No: 33310
Class, Batch: TE-11 K-11

Assignment No: 1-B

HTML Code:

```
<!doctype html>
<html lang="en">

<head>
        <title>Assignment 1B</title>
        <meta charset="utf-8">
        <meta name="viewport"
content="width=device-width, initial-
scale=1, shrink-to-fit=no">
        <link
href="https://cdn.jsdelivr.net/npm/bootstra
p@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6so
y8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
        <script
src="https://ajax.googleapis.com/ajax/libs/
jquery/3.6.3/jquery.min.js"></script>

</head>

<body>
        <div class="container my-4">
                <main id="output"
class="bg-info text-light p-4 rounded mb-4
w-75 mx-auto" style="letter-spacing:
2px;">
                </main>

                <div class="w-75 mx-auto
mb-4 text-end">
                        <button class="btn
btn-dark"
onclick="fetchData()">Reload</button>
                </div>

                <form
id="addNumberForm" class="p-4 border
shadow-sm w-75 mx-auto">
                        <div class="mb-2">
                                <label
for="firstName" class="form-label">First
Name</label>
                                <input
type="text" class="form-control"
name="firstName" required
id="firstName" aria-describedby="helpId"
placeholder="Enter Your First Name">
                        </div>
                        <div class="mb-2">
                                <label
for="lastName" class="form-label">Last
Name</label>
                                <input
type="text" class="form-control"
name="lastName" required id="lastName"
aria-describedby="helpId"
placeholder="Enter Your Last Name">
                        </div>
                        <div class="mb-2">
                                <label
for="age" class="form-
label">Age</label>
                                <input
type="text" class="form-control"
name="age" required id="age" aria-
describedby="helpId" placeholder="Enter
Your Age">
                        </div>
                        <div class="mb-3">
                                <label
for="college" class="form-label">College
Name</label>
                                <input
type="text" class="form-control"
name="college" required id="college"
aria-describedby="helpId"
placeholder="Enter Your College Name">
                        </div>
                        <button
type="submit" class="btn btn-
primary">Submit</button>
                        <hr>
                        <small class="small
text-success" id="msg"></small>
                </form>
        </div>

        <script>
```

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```
const output = document.getElementById("output");

function fetchData() {

    var xhttp = new XMLHttpRequest();

    xhttp.onreadystatechange = function() {
        if (this.readyState == 4 && this.status == 200) {

            let data = JSON.parse(xhttp.responseText)

            let string = `name: ${data.firstName} ${data.lastName} <hr>age: ${data.age}<hr>college: ${data.college}`;

            output.innerHTML = string;

            w = window.open();

            w.document.body.innerHTML = "<h1>User Details</h1><h3>";

            w.document.body.innerHTML += string;

            w.document.body.innerHTML += "</h3>";
        }
    };
    xhttp.open("GET", "http://localhost:3000/", true);
    xhttp.send();
}
document.body.onload = () => {
    fetchData()


    document.forms.addNumberForm.addEventListener("submit", (event) => {
        event.preventDefault();
        const firstName = event.target.firstName.value;
        const lastName = event.target.lastName.value;
        const age = event.target.age.value;
        const college = event.target.college.value;


        $("#msg").html("")
        $.ajax({
            type: 'post',
            url: 'http://localhost:3000/',
            data: JSON.stringify({

                firstName, lastName, age, college
            }),
            contentType: "application/json; charset=utf-8",

            traditional: true,

            success: function(data) {

                fetchData();

                $("#msg").html("User Details Updated")
            }
        });
    })
};
</script>
</body>

</html>
```

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Index.js:

```
const express = require("express")
app = express();

app.use(express.json());

app.use(function (req, res, next) {
   res.setHeader('Access-Control-Allow-Origin', '*');
   res.setHeader('Access-Control-Allow-Headers', 'X-Requested-With,content-type');
   next();
});

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

app.get("/", (req, res) => {
   res.status(200).json(data);
})

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

   console.log(data)
   res.status(200).json(data);
});

app.listen(3000, () => {
   console.log("http://localhost:3000")
});
```
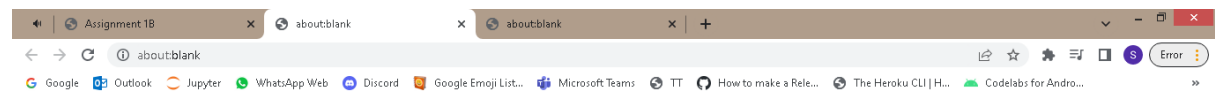
Output:

Name: Siddhesh Avinash Dhinge
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User Details

name: Siddhesh Dhinge

age: 20

college: PICT