

ASSIGNMENT NO. 1b

Name: Ashutosh Birajdar

Roll no : 33306

Batch : K11

Code :

Index.html

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

<head>
    <title>AJAX</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/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
    integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.3/jquery.min.js"></scrip
t>
    <script src="https://code.jquery.com/jquery-3.6.3.js"
    integrity="sha256-nQLuAZGRRcILA+6dMBOvcRh5Pe310sBpanc6+QBmyVM="
crossorigin="anonymous"></script>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
    <title>JavaScript AJAX</title>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-
alpha1/dist/js/bootstrap.bundle.min.js"></script>
    <style>
        h2 {
            text-shadow: 2px 2px;
        }

        form {
            width: 30%;
            margin: 5% auto;
        }
    </style>
</head>

<body>
    <div>
        <h2>AJAX</h2>
        <form>
            <input type="text">
            <input type="button" value="Submit">
        </form>
    </div>
</body>
</html>
```

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        box-shadow: 25px 25px;
    }

    input {
        margin: 1%;
    }

    #addNumberForm {
        background-color: aliceblue;
    }
</style>
</head>

<body>
    <div class="container my-4">
        <main id="output" class=" text-primary-emphasis p-4 rounded mb-4 w-50
mx-auto"
            style="font-size: xx-large; font-weight: bold; text-indent:
30%;">User Details
        </main>

        <form id="addNumberForm" class="p-4 w-50 mx-auto"
            style="box-shadow: 5px 5px 5px 5px #D3D3D3; border-radius: 10px;">
            <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="Email Id" class="form-label">Email Address</label>
                <input type="email" class="form-control" name="email" required
id="email" aria-describedby="helpId"
                    placeholder="Enter Your Email Address">
            </div>
            <div class="mb-2">
                <label for="username" class="form-label">Username</label>
                <input type="text" class="form-control" name="username"
required id="username" aria-describedby="helpId"
                    placeholder="Enter Your Username">
            </div>
        </form>
    </div>
</body>

```

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    </div>
    <div class="mb-3">
        <label for="password" class="form-label">Password</label>
        <input type="password" class="form-control" name="password"
required id="password"
        aria-describedby="helpId" placeholder="Enter Your
Password">
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
    <small class="small text-success" id="msg"></small>
</form>
</div>

<script>

function fetchData() {

    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function () {
        if (this.readyState == 4 && this.status == 200) {
            let data = JSON.parse(xhttp.responseText)

            let string = `First Name: ${data.firstName}<br> Last Name:
${data.lastName}<br>Email: ${data.email} <br>Username: ${data.username}`;

            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 email = event.target.email.value;
    const username = event.target.username.value;
    const password = event.target.password.value;
    $("#msg").html("")
    $.ajax({
        type: 'post',

```

```

        url: 'http://localhost:3000/',
        data: JSON.stringify({
            firstName, lastName, email, username, password
        }),
        contentType: "application/json; charset=utf-8",
        traditional: true,
        success: function (data) {
            fetchData();
            $("#msg").html("User Details Updated")
        }
    });
}
});
</script>
</body>

</html>

```

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-Methods",
        "GET, POST, OPTIONS, PUT, PATCH, DELETE"
    );
    res.setHeader(
        "Access-Control-Allow-Headers",
        "X-Requested-With,content-type"
    );
    res.setHeader("Access-Control-Allow-Credentials", true);
    next();
});

var data = {
    firstName: "",
    lastName: "",
    email: "",
    username: "",
    password: "",
};

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

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});
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 :

User Details

First Name

Last Name

Email Address

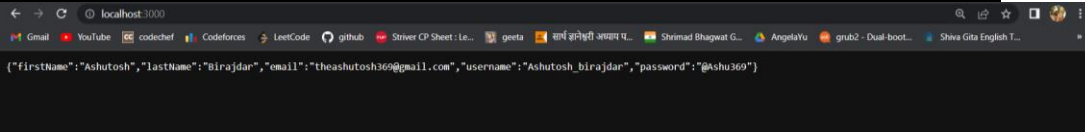
Username

Password

```

Welcome@AhamBramhasmi MINGW64 /c/WEB DEVELOPMENT/WADL/ASGN_1b (master)
$ node index.js
http://localhost:3000
{
  firstName: 'Ashutosh',
  lastName: 'Birajdar',
  email: 'theashutosh369@gmail.com',
  username: 'Ashutosh_birajdar',
  password: '@Ashu369'
}

```



The screenshot shows a web browser window with the address bar at localhost:3000. The console displays the following JSON object: {"firstName":"Ashutosh","lastName":"Birajdar","email":"theashutosh369@gmail.com","username":"Ashutosh_birajdar","password":"@Ashu369"}

