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**Subject: Web Application Development**

**Lab Assignment No. 1 B**

**Title: Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.**

**index.html**

<html>

<head>

<title>AJAX</title>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<div class="app">

<div class="container">

<h1>AJAX GET Request demonstration</h1>

<button onclick="get()">AJAX GET Request</button>

<p id="file-data"></p>

</div>

<div class="container">

<h1>AJAX POST Request demonstration</h1>

<input type="text" id="name" placeholder="Enter your name" />

<input type="email" id="email" placeholder="Enter your email" />

<input type="text" id="gender" placeholder="Enter your gender" />

<input type="text" id="branch" placeholder="Enter your branch" />

<input type="text" id="rollno" placeholder="Enter your roll number" />

<button onclick="post()">Register</button>

</div>

</div>

<script src="app.js"></script>

</body>

</html>

**result.html**

<html>

<head>

<title>AJAX</title>

<link rel="stylesheet" href="style.css" />

</head>

<body>

<div class="app">

<div class="container" style="width: 100%">

<h1>Data Of User</h1>

<p id="name" style="margin: 0"></p>

<p id="gender" style="margin: 0"></p>

<p id="branch" style="margin: 0"></p>

<p id="email" style="margin: 0"></p>

<p id="rollno" style="margin: 0"></p>

</div>

</div>

</body>

<script>

const name = localStorage.getItem('name');

const gender = localStorage.getItem('gender');

const branch = localStorage.getItem('branch');

const email = localStorage.getItem('email');

const rollno = localStorage.getItem('rollno');

document.getElementById('name').innerText = 'Name: ' + name;

document.getElementById('gender').innerText = 'Gender: ' + gender;

document.getElementById('branch').innerText = 'Branch: ' + branch;

document.getElementById('email').innerText = 'Email: ' + email;

document.getElementById('rollno').innerText = 'Roll No: ' + rollno;

</script>

</html>

**app.js**

const uname = document.getElementById('name');

const email = document.getElementById('email');

const gender = document.getElementById('gender');

const branch = document.getElementById('branch');

const rollno = document.getElementById('rollno');

const get = () => {

const req = new XMLHttpRequest();

req.onreadystatechange = function () {

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

const p = document.getElementById('file-data');

p.style.borderColor = 'red';

p.innerText = this.responseText;

}

};

req.open('GET', 'data.txt', true);

req.send();

};

const post = () => {

const user = {

name: uname.value,

email: email.value,

gender: gender.value,

branch: branch.value,

rollno: rollno.value,

};

const req = new XMLHttpRequest();

req.onreadystatechange = function () {

localStorage.setItem('name', uname.value);

localStorage.setItem('email', email.value);

localStorage.setItem('gender', gender.value);

localStorage.setItem('branch', branch.value);

localStorage.setItem('rollno', rollno.value);

window.location.href = 'result.html';

};

req.open('POST', 'http://127.0.0.1:5500/lab1-B/index.html', true);

req.send();

};

**data.txt**

This is text file. We will get the content of this file using AJAX GET request.

**styles.css**

@import url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;800;900&display=swap');

\* {

margin: 0;

padding: 0;

box-sizing: border-box;

font-family: 'Poppins', sans-serif;

}

.app {

display: flex;

padding: 20px;

min-height: 100vh;

}

.container {

width: 50%;

display: flex;

align-items: center;

justify-content: center;

flex-direction: column;

border: 1px solid #888888;

margin: 0px 10px;

}

p {

margin-top: 20px;

border: 2px solid #fdfdfd;

padding: 10px;

}

h1 {

text-align: center;

font-size: 30px;

margin-bottom: 20px;

}

input,

button {

width: 350px;

padding: 10px;

border: 2px solid #c1c1c1;

margin: 5px 0px;

border-radius: 5px;

outline: none;

display: block;

}

button {

background: #830fff;

color: #fdfdfd;

margin-top: 10px;

}

h2 {

margin-bottom: 10px;

}

p {

font-size: 15px;

margin-bottom: 5px;

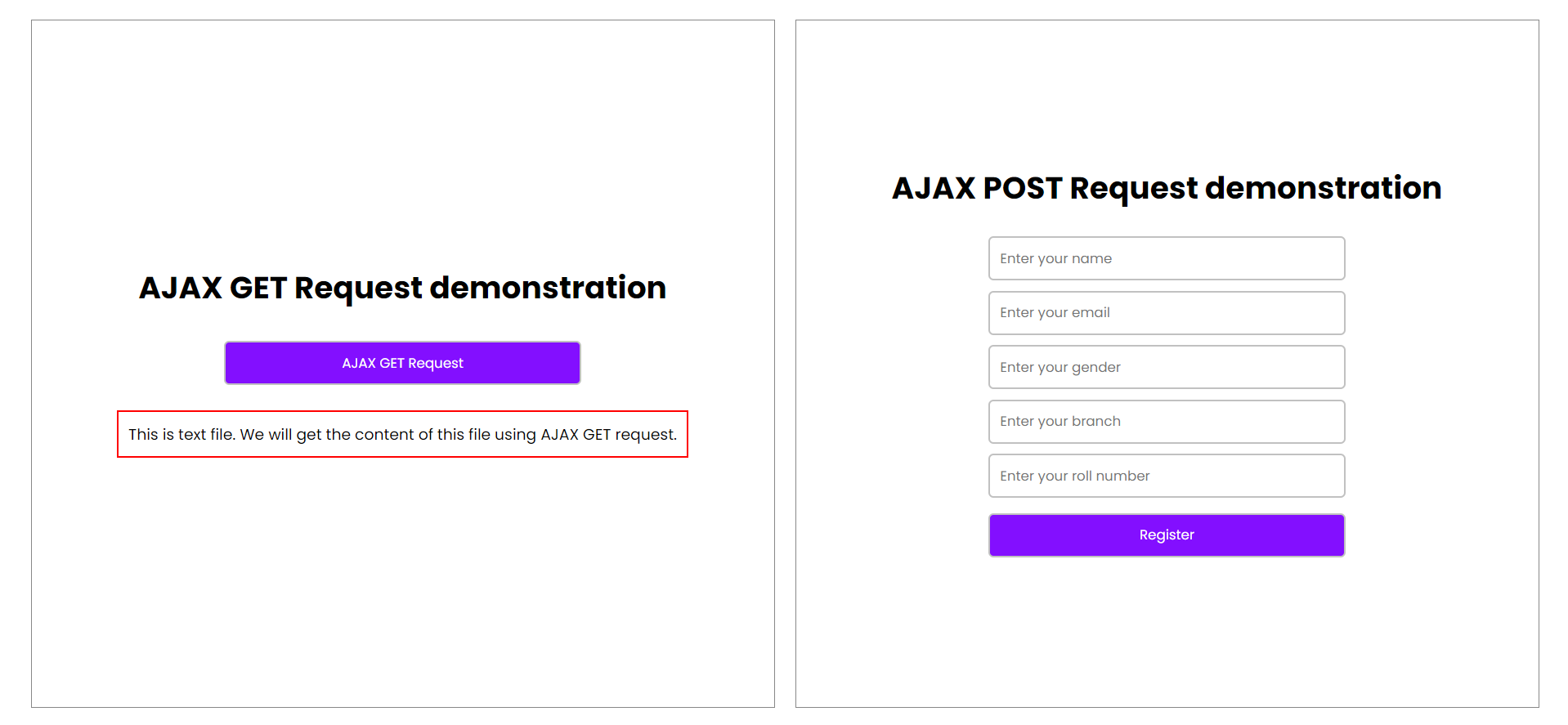
}

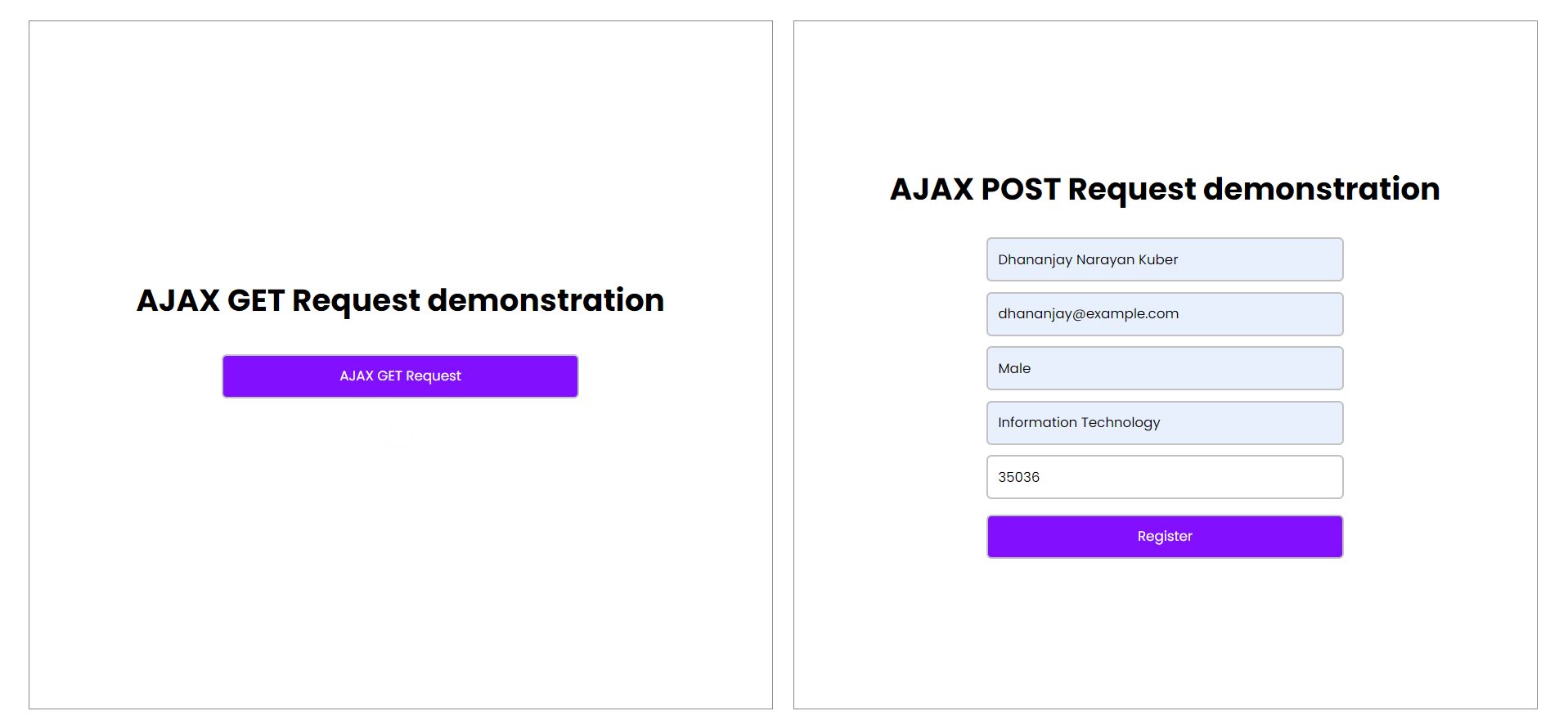
p span {

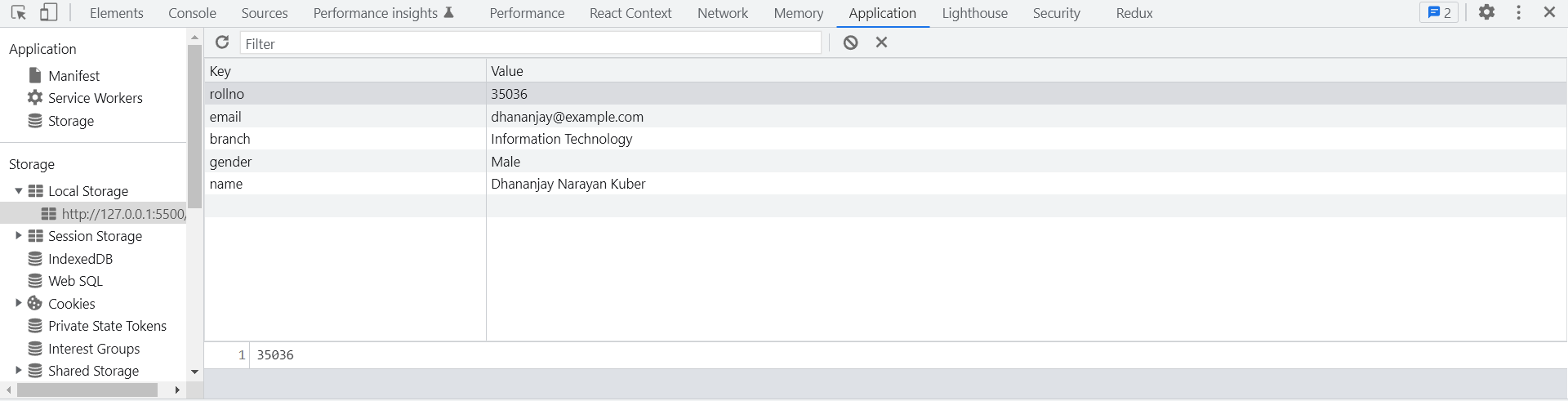
font-weight: 600;

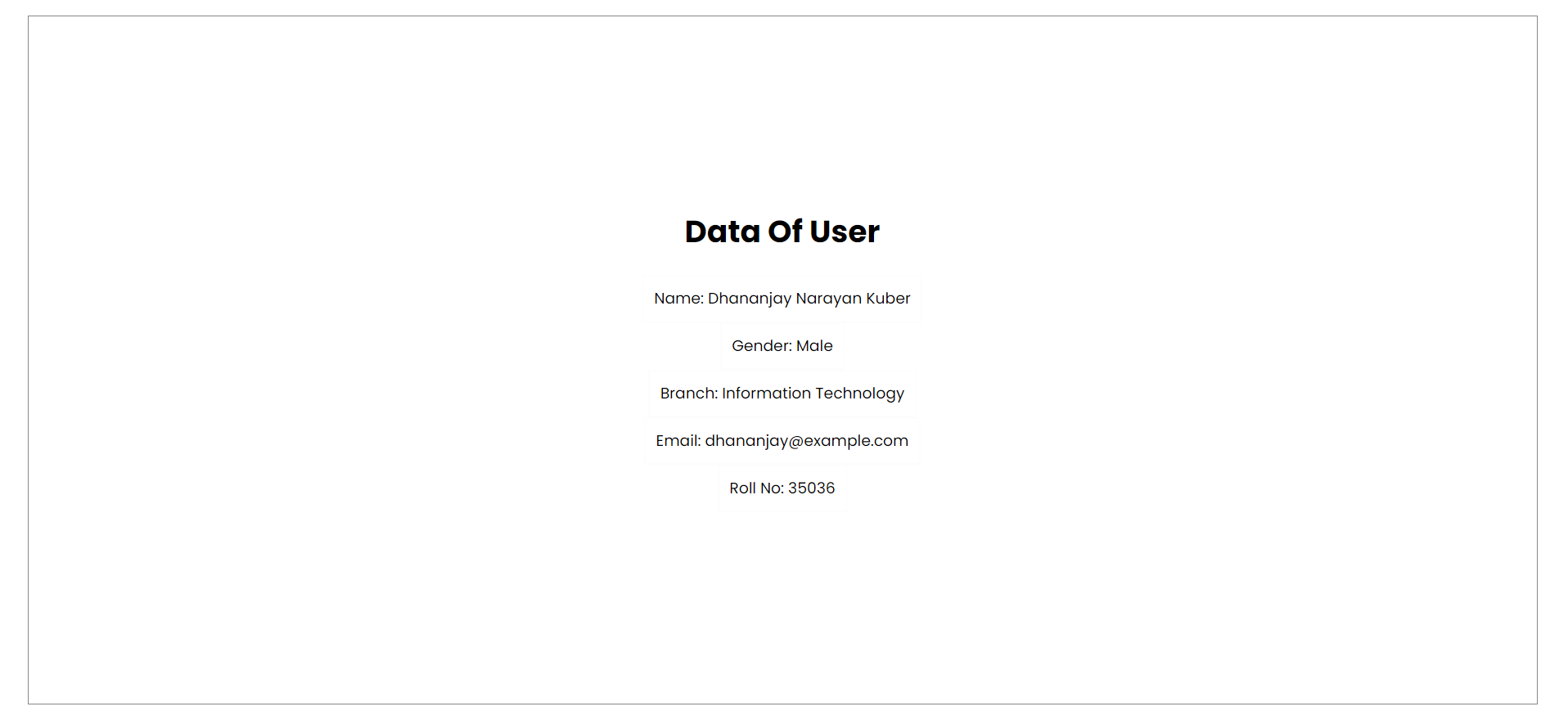
}

**Output**

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