
Web Programming

Assignment 08 – JavaScript I/O

Avyakth Shriram - 24BCE5461

Lab 8 – HTML:

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>
    JavaScript I/O
  </title>
  <link rel="stylesheet" href="styles.css">
</head>

<body>
  <section class="container">
    <h1>
      JavaScript I/O
    </h1>
  </section>

  <section class="container">
    <h2>
```

```

        Campus Placements Eligibility Checker
    </h2>

    <div class="form-group">
        <label for="cgpa">
            Cumulative Grade Point Average (CGPA):
        </label>
        <input type="number" id="cgpa" step="0.1" placeholder="Enter your CGPA
here">

        <label for="arrears">
            Backlogged Courses:
        </label>
        <input type="number" id="arrears" placeholder="Enter number of backlogs
here">

        <label for="internship">
            Internship Status:
        </label>
        <select id="internship">
            <option value="yes">
                Completed Successfully
            </option>
            <option value="no">
                Pending Completion
            </option>
        </select>

        <button onclick="analyzeEligibility()">
            Check Eligibility Status
        </button>
    </div>

    <div id="eligibilityResult" class="result-box"></div>
</section>

<section class="container">
    <h2>
        Switch Student Profile

```

```
</h2>

<div class="profile-card">
  

  <p id="profileStatus">
    Logged into Student A's Profile
  </p>

  <button id="toggleBtn" onclick="toggleProfile()">
    Switch to Student B's Profile
  </button>
</div>
</section>

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

</body>

</html>
```

Lab 8 – CSS:

```
body {
  font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
  background-color: #f4f7f6;
  color: #333;
  padding: 20px;
```

```
    line-height: 1.6;
}

h1,
h2 {
    color: #2c3e50;
    text-align: center;
}

.container {
    max-width: 500px;
    margin: 20px auto;
    background: white;
    padding: 20px;
    border-radius: 8px;
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

.form-group {
    display: flex;
    flex-direction: column;
}

label {
    margin-top: 10px;
    font-weight: bold;
}

input,
select,
button {
    padding: 10px;
    margin-top: 5px;
    border: 1px solid #ddd;
    border-radius: 4px;
}

button {
    background-color: #3498db;
```

```
    color: white;
    border: none;
    cursor: pointer;
    margin-top: 15px;
    transition: background 0.3s;
}

button:hover {
    background-color: #2980b9;
}

.result-box {
    margin-top: 20px;
    padding: 10px;
    font-weight: bold;
    text-align: center;
    border-radius: 4px;
}

.eligible {
    background-color: #d4edda;
    color: #155724;
}

.conditional {
    background-color: #fff3cd;
    color: #856404;
}

.not-eligible {
    background-color: #f8d7da;
    color: #721c24;
}

.profile-card {
    text-align: center;
}

#profilePic {
```

```
width: 150px;
height: 150px;
border-radius: 50%;
border: 3px solid #3498db;
object-fit: cover;
}
```

Lab 8 – JavaScript:

```
// TASK 1: Student Eligibility Logic

function analyzeEligibility() {

    const cgpa = parseFloat(document.getElementById('cgpa').value);
    const arrears = parseInt(document.getElementById('arrears').value);
    const internship = document.getElementById('internship').value;
    const resultDiv = document.getElementById('eligibilityResult');

    resultDiv.className = "result-box";

    if (isNaN(cgpa) || isNaN(arrears)) {
        resultDiv.innerHTML = "Please enter valid numbers.";
        return;
    }

    if (cgpa >= 7.5 && arrears === 0 && internship === "yes") {
        resultDiv.innerHTML = "Status: Eligible for Placements";
        resultDiv.classList.add("eligible");
    }
}
```

```

else if (cgpa >= 6.5 && arrears <= 2) {
    resultDiv.innerHTML = "Status: Eligible with Conditions";
    resultDiv.classList.add("conditional");
}

else {
    resultDiv.innerHTML = "Status: Not Eligible for Placements";
    resultDiv.classList.add("not-eligible");
}
}

// TASK 2: Profile Picture Toggle Logic

function toggleProfile() {

    const img = document.getElementById('profilePic');
    const status = document.getElementById('profileStatus');
    const btn = document.getElementById('toggleBtn');

    const profileA = {
        src: "Profile A.jpeg",
        alt: "Student A's Profile Picture",
        status: "Logged into Student A's Profile",
        btnText: "Switch to Student B's Profile",
        id: 'A'
    };

    const profileB = {
        src: "Profile B.jpeg",
        alt: "Student B's Profile Picture",
        status: "Logged into Student B's Profile",
        btnText: "Switch to Student A's Profile",
        id: 'B'
    };

    const currentId = img.dataset.profile || 'A';
    const isA = currentId === 'A';

```

```
const next = isA ? profileB : profileA;

img.src = next.src;
img.alt = next.alt;
img.dataset.profile = next.id;
status.innerText = next.status;
btn.innerText = next.btnText;
}
```

Lab 8 – Screenshots:

JavaScript I/O


Campus Placements Eligibility Checker

Cumulative Grade Point Average (CGPA):

Backlogged Courses:

Internship Status:

Switch Student Profile



Logged into Student A's Profile

JavaScript I/O

Campus Placements Eligibility Checker

Cumulative Grade Point Average (CGPA):

8.44

Backlogged Courses:

0

Internship Status:

Completed Successfully

Check Eligibility Status

Status: Eligible for Placements

Switch Student Profile



Logged into Student B's Profile

Switch to Student A's Profile

JavaScript I/O

Campus Placements Eligibility Checker

Cumulative Grade Point Average (CGPA):

7.14

Backlogged Courses:

2

Internship Status:

Completed Successfully

Check Eligibility Status

Status: Eligible with Conditions

Switch Student Profile



Logged into Student B's Profile

Switch to Student A's Profile

JavaScript I/O

Campus Placements Eligibility Checker

Cumulative Grade Point Average (CGPA):

6.33

Backlogged Courses:

7

Internship Status:

Pending Completion

Check Eligibility Status

Status: Not Eligible for Placements

Switch Student Profile



Logged into Student A's Profile

Switch to Student B's Profile