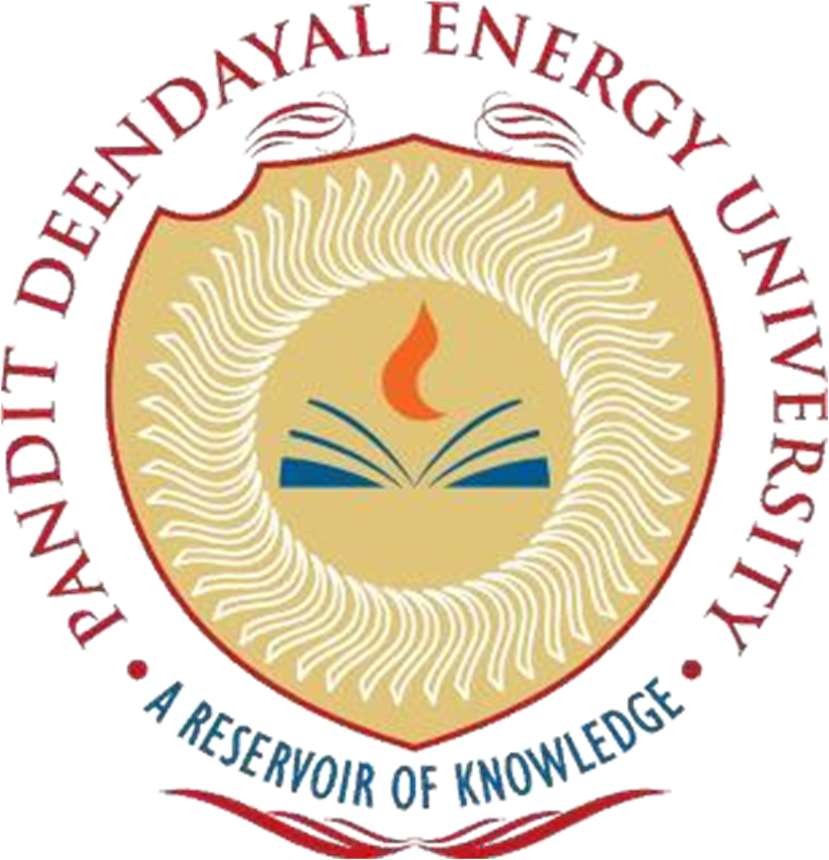
Pandit Deendayal Energy University

# Department of Computer Science & Engineering

Web Technology Assignment-6 (23CP206P)



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Division: **6**

Group: **12**

Branch: **CSE 2025**

**Practical: 6**

## **Aim:** Create a web page that retrieves and displays info from the Json file

**Requirement:** Laptop /Computer

**Software Requirement:** -

## - Windows 10/11 / Browser (Chrome, Brave, Firefox) / Winget

- VS code / Notepad

**Knowledge Requirement:** HTML, CSS, JS

### Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

<title>Music Records</title>

<style> table, th,

td {

border: 1px solid black; border-collapse: collapse;

}

th,

td {

padding: 5px; text-align: left;

}

th {

background-color: #f2f2f2;

}

</style>

</head>

<body>

<button type="button" onclick="loadMusicData()">Show Data</button>

<br /><br />

<table id="musicTable">

<thead>

<tr>

<th>Artist</th>

<th>Title</th>

<th>Genre</th>

<th>Album Year</th>

</tr>

</thead>

<tbody>

<!-- Data will be inserted here -->

</tbody>

</table>

<script>

function loadMusicData() {

var xhr = new XMLHttpRequest(); xhr.onreadystatechange = function () {

if (this.readyState == 4 && this.status == 200) { var musicData = JSON.parse(this.responseText); populateTable(musicData);

}

};

xhr.open("GET", "music\_records.json", true); xhr.send();

}

function populateTable(data) { var table = document

.getElementById("musicTable")

.getElementsByTagName("tbody")[0]; table.innerHTML = "";

data.forEach(function (record) { var row = table.insertRow();

row.insertCell(0).textContent = record.artist; row.insertCell(1).textContent = record.title; row.insertCell(2).textContent = record.genre; row.insertCell(3).textContent = record.albumYear;

});

}

</script>

</body>

</html>

### music\_records.json

[

{

"artist": "The Beatles", "title": "Abbey Road", "genre": "Rock", "albumYear": "1969"

},

{

"artist": "Michael Jackson", "title": "Thriller",

"genre": "Pop", "albumYear": "1982"

},

{

"artist": "Pink Floyd",

"title": "The Dark Side of the Moon", "genre": "Progressive Rock", "albumYear": "1973"

}

]

**OUTPUT:**

