JSON code

{

"games": [

{

"name": "Football",

"players": 11,

"type": "outdoor",

"famousPlayers": ["Messi", "Ronaldo", "Neymar", "Mbappe", "Haaland"]

},

{

"name": "Basketball",

"players": 5,

"type": "indoor",

"famousPlayers": ["LeBron James", "Kevin Durant", "Stephen Curry", "Giannis Antetokounmpo", "Luka Doncic"]

},

{

"name": "Tennis",

"players": 2,

"type": "outdoor",

"famousPlayers": ["Roger Federer", "Rafael Nadal", "Novak Djokovic", "Serena Williams", "Naomi Osaka"]

},

{

"name": "Cricket",

"players": 11,

"type": "outdoor",

"famousPlayers": ["Virat Kohli", "Steve Smith", "Kane Williamson", "Joe Root", "Ben Stokes"]

},

{

"name": "Golf",

"players": 1,

"type": "outdoor",

"famousPlayers": ["Tiger Woods", "Phil Mickelson", "Rory McIlroy", "Dustin Johnson", "Brooks Koepka"]

}

]

}

HTMAl code

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Game Information Form</title>

</head>

<body>

<form id="gameForm">

<label for="gameSelect">Select a game:</label>

<select id="gameSelect"></select><br>

<label for="numPlayers">Number of Players:</label>

<input type="text" id="numPlayers" readonly><br>

<label>Indoor/Outdoor:</label>

<label><input type="radio" name="gameType" id="indoorRadio"> Indoor</label>

<label><input type="radio" name="gameType" id="outdoorRadio"> Outdoor</label><br>

<label>Famous Players:</label><br>

<label><input type="checkbox" class="playerCheckbox" value=""> </label>

<label><input type="checkbox" class="playerCheckbox" value=""> </label>

<label><input type="checkbox" class="playerCheckbox" value=""> </label>

<label><input type="checkbox" class="playerCheckbox" value=""> </label>

<label><input type="checkbox" class="playerCheckbox" value=""> </label><br>

<label for="yourName">Your Name:</label>

<input type="text" id="yourName"><br>

<button type="button" onclick="submitForm()">Submit</button>

</form>

<div id="result"></div>

<script src="https://code.jquery.com/jquery-3.6.4.min.js"></script>

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

</body>

</html>

JAVASCRIPT code

$(document).ready(function () {

// Load game names into the dropdown

$.getJSON('games.json', function (data) {

var dropdown = $('#gameSelect');

$.each(data.games, function (index, game) {

dropdown.append($('<option>').text(game.name).val(index));

});

});

// Handle game selection

$('#gameSelect').change(function () {

var selectedIndex = $(this).val();

if (selectedIndex !== '') {

var selectedGame = data.games[selectedIndex];

$('#numPlayers').val(selectedGame.players);

$('#indoorRadio').prop('checked', selectedGame.type === 'indoor');

$('#outdoorRadio').prop('checked', selectedGame.type === 'outdoor');

// Populate checkbox labels and values

$('.playerCheckbox').each(function (index) {

$(this).val(selectedGame.famousPlayers[index]);

});

}

});

});

function submitForm() {

// Collect form data

var formData = {

game: $('#gameSelect option:selected').text(),

numPlayers: $('#numPlayers').val(),

gameType: $('input[name=gameType]:checked').val(),

famousPlayers: []

};

$('.playerCheckbox:checked').each(function () {

formData.famousPlayers.push($(this).val());

});

formData.yourName = $('#yourName').val();

// Display result

$('#result').text(JSON.stringify(formData, null, 2));

}