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B2 Batch

Task: “Campus Club Performance Tracker”

Scenario

You are the front-end developer for your batch’s **Annual Inter-Department Club Competition**. You must create a **dynamic performance tracker** that records and displays scores for **three real club teams** from your class.

The tracker must adapt to **live inputs**.

Rules

1. **Team Names & IDs** must be real - selected from actual classmates.
2. **Criteria Weightings** - these values **must be typed manually** into the JavaScript array.
3. **There must be the Bonus Points**
4. **Tie-breaker condition** must be based on **the first letter of the team name**.
5. Footer must show:
 - **Your full name**
 - **The date/time**
 - **One fun fact about your real teammate sitting beside you**

Requirements

Inputs (for 3 different teams from your batch):

- **Team Name** (text — real club name from your class)
- **Team ID** (number — PRN of any one member)
- **Round 1 Score** (range slider, 0–100)
- **Round 2 Score** (manual number input, 0–100)

- **Round 3 Category** (dropdown generated from a JS array)

Processing Logic:

1. **Calculate Weighted Total:** Multiply each round score by its weight (Assume suitable weights).
2. **Add Bonus Points:** e.g., “+5 if Round 2 > 80” or “+3 if category is ‘Innovation’
3. **Assign Grade** via `if / else if`:
 - ≥ 90 : **A**
 - 75–89: **B**
 - 60–74: **C**
 - < 60 : **F**
4. **Assign Remark** via `switch`:
 - A → “Outstanding”
 - B → “Strong”
 - C → “Average”
 - F → “Needs Improvement”
5. **Highlight the highest scorer’s card** (CSS shadow/glow).
6. **If tie, apply tie-breaker rule** (Assume suitable rule).

Validation:

- No score can be below 0 or above 100.
- Names must match **actual classmates’ club/team names**.
- Dropdown must **randomize order** every page load.

Output (on the same page — no alerts):

- Team Name & ID
- Weighted Total
- Grade
- Remark
- Highlighted Top Card (or tie-breaker winner)
- Footer with your name, time, and fun fact about your teammate

Extra Challenge (Mandatory)

- Add **one custom CSS animation** (e.g., card flip, glow) **triggered after form submission**.
- Take a **screenshot** of the filled, working tracker with real team names & submit along with the code.

C:\Users\SHREYA\Downloads\finaltask%20prac3%20js.html

Campus Club Performance Tracker

Team 1

Name:

ID:

Round 1:

Round 2:

Category: Creativity

Team 2

Name:

ID:

Round 1:

Round 2:

Category: Teamwork

Team 3

Name:

ID:

Round 1:

Round 2:

Category: Innovation

Show Results

SPIDERS (36)

Total: 92.00
Grade: A
Remark: Outstanding

ROBBERS (34)

Total: 83.00
Grade: B
Remark: Strong

LABBAUS (35)

Total: 80.00
Grade: B
Remark: Strong

Your Name: Shreya Sharma
Date/Time: 14/8/2025, 10:24:48 pm
Fun Fact: WE LOVE ICE CREAM!

<!DOCTYPE html>

<html>

<head>

<title>Campus Club Performance Tracker</title>

<style>

body { font-family: Arial; background: #f0f8ff; } /* Light blue background */

h1 { text-align: center; color: #003366; } /* Dark blue title */

.team {

background: #ffffff;

border: 2px solid #003366;

padding: 10px;

margin: 10px;

border-radius: 8px;

}

.team h3 { color: #006699; } /* Medium blue headings */

.top {

background-color: #ffffac; /* Light yellow for top team */

border-color: gold;

}

button {

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    background: #006699;
    color: white;
    padding: 8px 14px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
button:hover {
    background: #004466;
}
footer {
    background: #ddd;
    padding: 10px;
    margin-top: 20px;
    border-top: 2px solid #003366;
}
</style>
</head>
<body>
<h1>Campus Club Performance Tracker</h1>
<form id="clubForm">
<div class="team">
<h3>Team 1</h3>
Name: <input type="text" name="tname"><br><br>
ID: <input type="number" name="tid"><br><br>
Round 1: <input type="number" name="r1" min="0" max="100"><br><br>
Round 2: <input type="number" name="r2" min="0" max="100"><br><br>
Category:
<select name="cat">
<option>Innovation</option>
<option>Creativity</option>
<option>Teamwork</option>
</select>
</div>
<div class="team">
<h3>Team 2</h3>
Name: <input type="text" name="tname"><br><br>
ID: <input type="number" name="tid"><br><br>
Round 1: <input type="number" name="r1" min="0" max="100"><br><br>
Round 2: <input type="number" name="r2" min="0" max="100"><br><br>
Category:
<select name="cat">
<option>Innovation</option>
<option>Creativity</option>
<option>Teamwork</option>

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</select>
</div>
<div class="team">
<h3>Team 3</h3>
Name: <input type="text" name="tname"><br><br>
ID: <input type="number" name="tid"><br><br>
Round 1: <input type="number" name="r1" min="0" max="100"><br><br>
Round 2: <input type="number" name="r2" min="0" max="100"><br><br>
Category:
<select name="cat">
<option>Innovation</option>
<option>Creativity</option>
<option>Teamwork</option>
</select>
</div>
<button type="submit">Show Results</button>
</form>
<div id="output"></div>
<footer id="foot"></footer>
<script>
document.getElementById("clubForm").onsubmit = function(e) {
e.preventDefault();
let names = document.getElementsByName("tname");
let ids = document.getElementsByName("tid");
let r1s = document.getElementsByName("r1");
let r2s = document.getElementsByName("r2");
let cats = document.getElementsByName("cat");
let weights = [0.3, 0.4, 0.3];
let teams = [];
for (let i = 0; i < 3; i++) {
    let name = names[i].value;
    let id = ids[i].value;
    let r1 = Number(r1s[i].value);
    let r2 = Number(r2s[i].value);
    let cat = cats[i].value;
    let r3 = 70;
    if (cat == "Innovation") r3 = 90;
    if (cat == "Creativity") r3 = 80;
    let total = r1*weights[0] + r2*weights[1] + r3*weights[2];
    if (r2 > 80) total += 5;
    if (cat == "Innovation") total += 3;
    let grade = "";
    if (total >= 90) grade = "A";
    else if (total >= 75) grade = "B";
    else if (total >= 60) grade = "C";

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    else grade = "F";
let remark = "";
switch(grade) {
    case "A": remark = "Outstanding"; break;
    case "B": remark = "Strong"; break;
    case "C": remark = "Average"; break;
    default: remark = "Needs Improvement";
}
teams.push({name, id, total, grade, remark});
}
teams.sort(function(a, b) {
    if (b.total !== a.total) return b.total - a.total;
    return a.name.localeCompare(b.name);
});
let out = "";
for (let i = 0; i < teams.length; i++) {
    out += `<div class="team ${i===0?'top':''}">
    <h3>${teams[i].name} (${teams[i].id})</h3>
    Total: ${teams[i].total.toFixed(2)}<br>
    Grade: ${teams[i].grade}<br>
    Remark: ${teams[i].remark}
    </div>`;
}
document.getElementById("output").innerHTML = out;
let now = new Date();
document.getElementById("foot").innerHTML =
    "Your Name: Shreya Sharma<br>" +
    "Date/Time: " + now.toLocaleString() + "<br>" +
    "Fun Fact: WE LOVE ICE CREAM!";
}
</script>
</body>
</html>

```