

# JavaScript PPT Showdown

**Objective:** Create vibrant, interactive PowerPoint presentations to master JavaScript concepts with a fun game-show! Each student gets a unique mission and challenge to make their PPT unforgettable.

## Presentation Rules

Each student's PPT must include **4 slides** to keep it concise and desi-fabulous:

**1. Slide 1: Hook**

- Start with a **funny meme, GIF, or Bollywood dialogue** related to your topic
- Source ideas from **Giphy** (search "Bollywood" or "Indian meme") or create using **Canva**.

**2. Slide 2: Live Demo**

- Showcase your mission with a **live demo** (use [CodePen](#), [JSFiddle](#), or [CodeSandbox](#)).

**3. Slide 3: Quiz**

- Pose a **tricky quiz question** to engage the class
- Provide the answer and explain the JavaScript quirk in a fun way.

**4. Slide 4: Challenge**

- Challenge the audience with a **quick coding task**

## Personalized Assignments

Each student's mission includes a topic, a creative twist, and a coding challenge to showcase their JavaScript skills. Presentations should be **4 slides** and include a live demo.

Student	Topic	Mission	Example Code/Challenge
Vishakha	Variables	Build a " <b>Bollywood Dialogue Generator</b> " using let and const to create iconic movie lines with user inputs via prompt().	<pre>const hero = prompt("Name a hero"); console.log(`\${hero} ke pass, dil ke pass!");</pre> <p>Show const reassignment error.</p>

Student	Topic	Mission	Example Code/Challenge
Nikunj	Data Types	Host a <b>"Chai Stall Type Quiz"</b> with quirky typeof examples (e.g., typeof [], typeof null).	console.log(typeof NaN); // "number" Create 3 tricky typeof questions.
Aditya	Operators	Develop a <b>"Festival Luck Predictor"</b> using &&, `	
Chakresh	If-Else	Create a <b>"Street Food Rating System"</b> that restricts dishes based on spice tolerance	if (spiceLevel < 3) { console.log("Only chaat!"); } else if (spiceLevel < 7) { console.log("Try biryani!"); } Add a vegan option condition.
Sumit	Switch Statement	Design a <b>"Mithai Shop Menu"</b> using switch to dispense sweets based on user selection.	switch(choice) { case 1: console.log("Jalebi!"); break; default: console.log("No mithai left! "); } Handle invalid inputs.
Tushar	For Loop	Crack a <b>"Rangoli Pattern Generator"</b> using a for loop to build a design from a character array.	let pattern = ""; for (let i = 0; i < 5; i++) { pattern += "* "; }
Anuj	While Loop	Simulate a <b>"Diwali Cracker Countdown"</b> using a while loop that stops with a break condition.	while (crackers > 0) { console.log(crackers); crackers--; if (crackers === 0) break; }  Add a "noise limit" condition.
Rishu	Functions	Invent a <b>"Dandiya Move Generator"</b> with a function that returns random dance moves using arrow functions.	const danceMove = (style) => style + " " + Math.random() > 0.5 ? "Dance! " : "Stick Tap! ";
Abhishek	Arrays	Build a <b>"IPL Team Randomizer"</b> using array methods like push(), pop(), and splice().	let teams = ["MI", "CSK"]; teams.pop(); console.log(teams); Shuffle the array in a demo.

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Ashutosh	Objects	Create a <b>"Bollywood Star Card"</b> with an object (e.g., { name: "Shah Rukh", movie: "DDLJ" }).	let star = { name: "Shah Rukh", movie: "DDLJ" }; Let the class add a new movie interactively.
Ankit	DOM Basics	Design a <b>"Holi Color Switcher"</b> button that toggles between vibrant background colors using DOM manipulation.	document.body.style.background = isHoli ? "yellow" : "pink"; Add a festive transition effect.

## Prizes & Voting

The class will vote for winners in these categories:

- **Best Meme/GIF:** Most hilarious or creative opener.
- **Coollest Demo:** Most vibrant or interactive CodePen/JSFiddle demo.
- **Bug Buster:** Clearest explanation of a common JavaScript (e.g.,  $0.1 + 0.2 !== 0.3$ ).