**Big Performance Night Show - Judging Criteria**

**Objective:**  
Each group will showcase their programmed Bot Marley in a **choreography battle**, demonstrating a combination of **singing, dancing, and creativity**. The robot that earns the highest total score will be crowned **"Best in Show."**

**Scoring Breakdown (Total: 50 Points)**

| **Category** | **Criteria** | **Points** |
| --- | --- | --- |
| **1. Choreography & Movement (10 pts)** | - Smooth and well-timed dance movements.  - Variety of motions (turns, spins, different speed levels).  - Synchronisation with music. | **/10** |
| **2. Singing Accuracy (10 pts)** | - Correct note frequencies programmed.  - Clear execution of melody.  - Timing and note durations match the song. | **/10** |
| **3. Creativity & Performance Style (10 pts)** | - Unique or unexpected elements (e.g., freestyle moves, props).  - Engaging, entertaining choreography.  - Personalisation elements (e.g., themed decorations). | **/10** |
| **4. Programming Complexity (10 pts)** | - Use of advanced Python functions (e.g., loops, conditionals).  - Efficient and well-structured code.  - Debugging skills (handling errors smoothly). | **/10** |
| **5. Audience Engagement & Interaction (10 pts)** | - Performance is fun and keeps the audience engaged.  - Interactive elements (e.g., Bot Marley "responds" to cues).  - Team members present their work confidently. | **/10** |

**Bonus Points (Up to 5 Extra Points!)**

* **+1 pt**: Innovative use of AI (e.g., detecting beat changes in real time).
* **+1 pt**: Bot Marley recognises and responds to commands dynamically.
* **+1 pt**: Extra elements added (e.g., props, themed setup).
* **+2 pts**: The group integrates a **special surprise feature** (e.g., birthday song for Andrei, custom voice commands).

**Performance Flow:**

1. **Preparation (20 min):** Teams finalise their code and plan their performance.
2. **Final Touches (10 min):** Dressing up Bot Marley, stage setup.
3. **Showtime! (Performance Round)**
   * Each team gets **3-5 minutes** to present their performance.
4. **Judging & Scoring:** Judges assign points based on the above criteria.
5. **Prize Ceremony:** The team with the highest score wins **"Best in Show"**!