PRACTICE MATERIAL FOR SPELLATHON

(GRADE 7)

1. Create an Educational Resource Hub

- **Objective:** Design a website that serves as a hub for educational resources on a specific topic (e.g., climate change, space exploration).
- **Tasks:**
  - Use HTML to create sections for "Articles," "Videos," and "Interactive Activities."
  - Style the site with CSS for a professional look.
  - Implement Bootstrap for responsive design, ensuring it looks good on all devices.

2. Build a Travel Blog with Parallax Effect

- **Objective:** Develop a travel blog that features different destinations with a parallax scrolling effect.
- **Tasks:**
  - Create a homepage that introduces the blog and showcases featured destinations using HTML.
  - Use CSS to create parallax backgrounds that move as users scroll down.
  - Add a JavaScript gallery feature to display photos from each trip with captions.

3. Design a Virtual Museum Exhibit

- **Objective:** Create a website that presents a virtual exhibit on a historical period or art movement.
- **Tasks:**
  - Structure the site with HTML sections for "Overview," "Key Artworks," and "Impact."
  - Use Bootstrap for a grid layout to display images of artworks.
  - Add interactive elements with JavaScript, such as pop-up descriptions when images are clicked.

4. Create a Fitness Challenge Tracker

- **Objective:** Develop a site to help users track a fitness challenge (like steps or workouts).
- **Tasks:**
  - Use HTML to create input fields for tracking workouts, like "Exercise," "Duration," and "Notes."
  - Style the page with CSS for a clean, user-friendly interface.

o Implement JavaScript to calculate total time spent on workouts and display progress over time.

5. Build an Interactive Quiz Website

- **Objective:** Design a website that hosts a fun quiz on a topic of interest (like movies, science, or history).
- **Tasks:**
    o Create a quiz interface using HTML with multiple-choice questions.
    o Use CSS for styling and to make it visually appealing.
    o Add JavaScript to handle user responses, score the quiz, and provide feedback at the end.