INFO-1272 JavaScript 1

LAB 3

Due Date: Sunday October 12ᵗʰ 2025, 11:59 pm

Submission Directions: FOL Submissions folder, Lab 3

Lab Description:

You will be creating a **Fortune Cookie Generator** web page that simulates the fun of "opening" fortune cookies. The user will choose how many cookies they want to open, and your program will randomly display a message for each cookie.

Each fortune message will belong to one of three categories:

- **Positive**
- **Neutral**
- **Funny**

You will use loops, conditional statements, and random number generation to bring this to life.
Your output should clearly display the cookie number, the message, and its category.

You are expected to **comment your code appropriately** and follow **consistent variable naming conventions** (camelCase format).

1. **Create your HTML file**
   a. Use any text editor of your choice.
   b. Name your file using this format:
      Firstname_Lab4.html
      Example: Krutarth_Lab4.html
   c. Include a `<script>` section within your HTML file where you will write your JavaScript code.

2. **Prompt the user for input** (0.5 marks)
   a. Ask the user how many cookies they want to open.

3. **Create fortune message variables** (2 marks)
   a. Define **Nine or more** fortune messages as individual string variables.

4. **Use a loop to open cookies** (2.5 marks)

a. The loop should run for the number of cookies entered by the user.

5. **Generate a random number to pick a fortune** (1 marks)
   a. Use random number generation to pick one of the fortune variables.

6. **Use statement to choose and categorize fortunes** (2 marks)
   a. Based on the random number, choose a fortune and assign a category type.

7. **Display each fortune message** (2 marks)
   a. Display the cookie number, message, and category using console.log().

8. **Comment your code properly** (2 marks)
   a. Add clear comments before each main section (e.g., input, loop, random number, output).
   b. Follow proper indentation, spacing, and semicolon usage.

Notes:

- Labs are to be completed **independently**.
- Use **good variable names** (camelCase).
- Once finished, **zip your HTML file** and upload it to the **Lab 3 folder** on FOL.
- You can test your work in Chrome browser's console before submitting it.