Assignment 3: Library Array (6% of total grade)

Format: Upload zipped folder containing all files to Blackboard.
BE SURE TO PUT YOUR NAME <u>& SECTION</u> IN THE FILENAME:
e.g. Assign3-A-YourName.zip
Purpose: To review arrays and loops.

REQUIREMENTS: Create a Top 10 books array. (see rubric on page 2)

1. Create an external JavaScript file and attach to the included html file.

2. First, declare and initialize 10 variables with 10 book names.

3. Next, create a JavaScript array to hold these variables and represent your top 10 book list.

4. The user is asked, "Which top 10 book would you like?"

5. The default text will read, "Pick a number: 1-10".

6. Validate the user input.

7. The user will then see a pop-up that says, "Number ***num*** on the list is " with ***num*** being the book's position on the top 10, followed by the book title.

8. Output a message to the console listing all of the books with their number.   e.g.   "Book 1: Don't Make Me Think"
           "Book 2: Rocket Surgery"…

9. Users that enter invalid text will see a pop-up message that says "please enter a number between 1 and 10!"

    EXTRA CHALLENGE: Use a loop to re-ask the user if they didn't input valid data.

Marking Rubric

Criteria	Proficient	Competent	Novice
Variables	1	0	0
	10 variables declared and initialized with book titles.	No variables used for individual books	No variables used for individual books
Book Array	1	0.5	0
	An array holds the top 10 book variables.	The array holds book titles as strings.	An array is not used.
Result Message	1	0.5	0
	Popup matches required messaging, and book number matches the book title.	Required messaging is not accurate.	Book number does not match the book title.
Console Report	1	0.5	0
	The JS console lists the books, one per line, with the correct Top Ten number, and its title.	The JS console lists the books with their correct numbers, but not with each book on its own line.	The array is output as an array, or not output at all.
Invalid Data Handling	1	0.5	0
	Code only allows numbers 1-10, and provides the required error message for any other input.	Code validates non-numbers, but allows 0 and/or 11.	Invalid input does not receive the required error message.
Professional Practice	1	0.5	0
	The js file has navigational and explanatory commenting, and all self-reflection questions have been answered.	Commenting is inconsistent or unhelpful.	Commenting is inconsistent or unhelpful, and more than two questions have not been answered.