FRONT-END DELIVERABLE 2

VACATION DECISIONS

Congratulations! You've made it to the JavaScript portion of Unit 1, a major component of understanding how to code is effectively applying your problem-solving logic. You will be implementing conditions and user input to solve the exercise.

Similar disclaimer as deliverable 1**:** A large part of being a developer is researching and understanding new mechanics and concepts of coding. Every developer, even a seasoned veteran, needs to look up and research coding concepts. As such, for this exercise, you may need to research conditions and prompts with JavaScript.

Here are a few hints:

- For any programming language, Google and Stack Overflow will be your go-to sites for learning about code.
- Google is good at answering common questions, Stack Overflow is good for troubleshooting and reading issues other programmers have encountered.
- Just like you used CodePen in your learning modules, you can use it to tinker with and break new code in isolation before you add it into your project. JSBin or Plnkr are also great places to play with code.

Create a new project folder. Please name your folder as **`[lastName]-part-two`**.

The folder should container:

- **`index.html`**
- a folder named **`js`** that will contain the script file named **`script.js`**
    - The **`script.js`** file must be linked within the <body> element of your index.html.
    - The **`script.js`** file will contain all of the code required to complete the challenge.

Put this project in its own repo on GitHub and submit the GitHub link in the Turn In Deliverable 1 spot in the LMS.

VACATION DECISIONS

Task: Write a script that will inform the user where they should go on vacation and how they should get there. Gather the information with prompts. Use the following table to drive the logic of your program:

Vacation Type	Destination
Musical	New Orleans
Tropical	Beach Vacation in Mexico
Adventurous	Whitewater Rafting the Grand Canyon
Group Size	**Travel Suggestion**
1-2	First Class
3-5	Helicopter
6+	Charter Flight

Build Specifications:

- Declare and initialize the following three variables.
    - **`vacationType`** will contain the vacation type choice entered by the user in the first prompt
    - **`groupSize`** will contain the party size entered by the user in the second prompt.
    - **`result`** is the suggestions to be printed to the console.
- Use conditional statements to drive the decision making of your program.
- Create **result** as a single string using concatenation. This string will contain the vacation type, group size, and destination and travel suggestions (see examples below).
- Log the **`result`** variable to the console.

Example run (user input in bold):

(prompt) What kind of trip would you like to go on, musical, tropical, or adventurous? **musical**
(prompt) How many are in your group? **4**
(console) Since you're a group of 4 going on a musical vacation, you should take a helicopter to New Orleans.

Another example run:

(prompt) What kind of trip would you like to go on, musical, tropical, or adventurous? **tropical**
(prompt) How many are in your group? **8**
(console) Since you're a group of 8 going on a tropical vacation, you should take a charter flight to a beach vacation in Mexico

Grading Rubric: This is graded out of 10 points. You must score 8 or more points on each deliverable in Lab 1 to pass.

1 point each. No partial credit is allowed on an individual point. Credit will be granted for any points that are written correctly themselves, but don't run correctly because of a problem elsewhere in the program.

1. Declaring the vacationType variable and filling it with user response to prompt
2. Declaring the groupSize variable and filling it with user response to prompt
3. Declaring the **`result`** variable and initializing it to a single string that contains the temperature, event type, and the final clothing suggestion.
4. Contains conditionals which make at least two correct comparisons are made with vacationType
5. Contains conditionals which use correct relational operators for at least two groupSize comparisons
6. Determines correct vacation destination (even if not outputted correctly)
7. Determines correct travel method (allowed off-by-one errors, even if not outputted correctly)
8. Result contains correct sentence format with variable values (even if the values in the sentence are incorrect, whitespace errors also allowed, intentional creativity allowed)
9. Logs result variable to console
10. Result sentence has all 4 correct values and no errors (no off-by-one or whitespace errors allowed, intentional creativity with the sentence is allowed)

Grading Scale:

8 or above Passing
Below 8: Not Passing