

Let's create some assignments to practice template literals and multiline strings in JavaScript. These will cover basic usage, embedding expressions, and handling multiline text effectively.

Basic Template Literals:

1. Greeting with Template Literal:
 - Write a function that takes a name as input and returns a greeting string using a template literal. The greeting should say "Hello, [name]!".
2. String Interpolation:
 - You have variables `product` (string) and `price` (number). Use a template literal to create a string that says "The [product] costs \$[price]".
3. Combining Variables and Text:
 - You have variables `firstName` and `lastName`. Use a template literal to create a string that contains the person's full name in the format "Last Name, First Name".

Multiline Strings:

4. Poetry with Template Literal:
 - Create a multiline string using a template literal that represents a short poem (at least 3 lines).
5. HTML Template:
 - Use a template literal to create a string that represents a simple HTML paragraph element. Include some dynamic content (e.g., a variable for the paragraph text).
6. Formatted Output:
 - You have an object with `name`, `age`, and `city` properties. Use a template literal with a multiline string to create a nicely formatted output like this:

7. Name: [name]

8. Age: [age]

9. City: [city]

Embedding Expressions:

7. Calculations in Template Literal:

- You have variables `quantity` and `pricePerUnit`. Use a template literal to create a string that calculates and displays the total cost (`quantity * pricePerUnit`).

8. Conditional Output:

- You have a variable `isLoggedIn` (boolean). Use a template literal and a ternary operator to display "Welcome!" if the user is logged in, and "Please log in" otherwise.

9. Function Call in Template Literal:

- You have a function `getFullName(firstName, lastName)` that returns a full name. Use a template literal to display the full name returned by the function.