Assignment Overview

This assignment focuses on declaring variables and using them to construct a sentence in JavaScript. You will create a script that stores user information (name, age, and student status), logs a formatted sentence to the console, and answer related questions.

Objectives

- Understand variable declaration in JavaScript.

- Practice string concatenation or template literals.

- Use console.log to output formatted text.

Task

Write a JavaScript script that:

1. Declares three variables:

   o name (string): The user's name (e.g., "Ashutosh").

   o age (number): The user's age (e.g., 20).

   o isStudent (boolean): Whether the user is a student (e.g., true).

2. Uses console.log to output a sentence in the format:
   "Ashutosh is 20 and a student: true"

3. Ensures the code is clear and well-commented.

```javascript
// Declare variables for user information
let name = "Ashutosh";
let age = 20;
let isStudent = true;

// Log a sentence using template literals
console.log(`${name} is ${age} and a student: ${isStudent}`);
```

Output:

Ashutosh is 20 and a student: true

Questions

1. Explain the difference between let, const, and var for variable declaration in JavaScript.

2. How would you modify the script to use string concatenation instead of template literals for the output?

3. What happens if you try to reassign a value to age if it was declared with const? Provide an example.

Submission Instructions

- Save your script as **userInfo.js** and your answers to the questions in a file named **answers.txt**.

- Email your submissions to **tech@skillyards.com** by default deadline: **25-06-2025 11PM.**

- Upload your code to the GitHub repository: **https://github.com/Skill-yards/Assignment-Submission.git**

- Ensure your code runs without errors in a JavaScript environment (e.g., Node.js or browser console).

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