

JavaScript Task: Weather Condition Checker

Objective:

Create a weather condition checker system that evaluates the temperature input by the user and provides the weather condition, safety status, and advice based on the temperature.

Task Requirements:

1. *Gather Weather Information:*

- Ask for the temperature from the user using `prompt()`.

2. *Evaluate Temperature Using Ternary Operator:*

- If the temperature is less than 0, the condition should be "Freezing cold".
- If the temperature is between 0 and 15, the condition should be "Cold".
- If the temperature is between 16 and 25, the condition should be "Mild".
- If the temperature is between 26 and 35, the condition should be "Warm".
- If the temperature is higher than 35, the condition should be "Hot".

3. *Calculate Whether the Temperature is Safe or Dangerous:*

- If the temperature is below -5 or above 40, display "Dangerous temperature".
- If the temperature is between -5 and 40, display "Safe temperature".

4. *Provide Additional Advice Based on Temperature:*

- If the temperature is between 16 and 25, display "Perfect for outdoor activities!".
- If the temperature is higher than 30, display "Stay hydrated!".
- Use the ternary operator to determine the advice based on the temperature.

5. *Display the Results:*

- Display the results using `console.log()`.

- Display the result in `alert()`.
- Display the result in the DOM using `document.getElementById()`. You can create an HTML element with id 'result' to show the output.

Important Notes:

- Use the ternary operator to evaluate conditions in a single line.
- Use `if/else` for evaluating dangerous or safe temperatures.
- Make sure to display the results in three ways: `console.log()`, `alert()`, and the DOM.