JavaScript Activities: prompt (), alert (), confirm () & if-else

Activities

1 Age Verification

📌 **Task:**

- Ask the user for their age using prompt().
- If the age is **18 or older**, show an alert **"You are allowed to enter."**
- Otherwise, show **"You must be 18 or older."**

💡 **Hint:** Use if-else and compare the age value.

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2 Confirm Before Deleting

📌 **Task:**

- Use confirm() to ask **"Are you sure you want to delete this item?"**
- If the user clicks **OK**, show **"Item deleted successfully."**
- If they click **Cancel**, show **"Action canceled."**

💡 **Hint:** confirm() returns true for OK and false for Cancel.

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3 Even or Odd Checker

📌 **Task:**

- Ask the user for a number using prompt().
- If the number is **even**, show **"The number is even."**
- Otherwise, show **"The number is odd."**

💡 **Hint:** Use the modulo operator (%).

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4 Favorite Color Response

📌 **Task:**

- Ask the user **"What is your favorite color?"** using prompt().
- If they say **"blue"**, show **"Wow! Blue is cool!"**
- If they say **"red"**, show **"Red is full of energy!"**
- Otherwise, show **"That's a nice color too!"**

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5 Simple Calculator

📌 **Task:**

- Ask for **two numbers** and an **operation (+, -, *, /)**.
- Perform the chosen operation and display the **result** in an alert.

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6 Guess the Secret Number

📌 **Task:**

- The **secret number** is 7.
- Ask the user to guess a number.
- If they guess 7, show **"Congratulations! You guessed it!"**
- Otherwise, show **"Wrong guess! Try again."**

💡 **Hint:** Convert input to a number

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7 BMI Calculator

📌 **Task:**

- Ask the user for their **weight (kg)** and **height (m)** using prompt().
- Calculate **BMI** using the formula:
- BMI = weight / (height * height);
- Display the BMI and a message based on the result:
    - **BMI < 18.5** → "Underweight"
    - **18.5 ≤ BMI < 24.9** → "Normal weight"
    - **25 ≤ BMI < 29.9** → "Overweight"
    - **BMI ≥ 30** → "Obese"

💡 **Hint:** convert input values to numbers.

🚀 **Happy coding!**
