JavaScript Assignment

1. Create an HTML page that performs the following operation:

   - Welcomes the user to the page using alert
   - Ask the User to enter his/her name using prompt
   - Using a Confirm, ask the user if he/she like Soccer
   - Display the User name and his/her interest in Soccer on the page loaded and on the console

2. Write a JavaScript for loop that will iterate from 0 to 15. For each iteration, it will check if the current number is odd or even, and display a message to the screen.

   Sample Output:

   > "0 is even"
   > "1 is odd"
   > "2 is even"

3. Find out, how old you will be? Calculate it.

   - Store your birthday in a variable
   - Store a future year in a variable
   - Calculate your 2 possible ages for that year based on the stored values. For example, if you were born in 1988, then in 2026 you will be either 37 or 38, depending on what month it is in 2026
   - Output them to the screen like so: "I will be either NN or NN in YYYY", substituting the values.

4. Write a JavaScript program to find the area of a triangle where lengths of the three of its sides are 5, 6, 7

5. Write a JavaScript program to convert temperatures to and from Celsius, Fahrenheit

   Formula: c/5 = (f-32)/9 (where c = temperature in Celsius and f = temperature in Fahrenheit)
   Expected Output:

   > 60°C is 140 °F
   > 45°F is 7.222222222222222°C

6. Write a JavaScript program to get the difference between a given number and 13, if the number is greater than 13 return double the absolute difference.