JavaScript Assignments

Set 1

1. Accept name from user and print a message "Hello <<*User*>>" on the console.
2. Accept a number from user and find if it is even or odd. Print message on console accordingly
3. Accept a number from user. Find if the number is a prime number or not. Print message on console accordingly.
4. Accept a number from user and print its table (Maths table) on the console

Set 2

1. **Battleship Game**

   Create an array of 5 numbers - (0,1,1,0,1)

   Imagine that we are building a game. The places where 1's are present are our positions of battleships.

   - Now keep on asking the user for any number between 1 to 5. If the user enters an invalid number alert that 'Enter a valid number'.
   - Each time user enters a number increment the (guesses) count by 1.
   - If the number user has entered matches with the position of the battleships (i.e 2, 3 and 5), then alert that 'You have hit a battleship'. Increment the hit count by 1.
   - If the number user has entered doesn't match with the position of the battleships (ie. 1, 4), then alert that 'You missed the battleship'.
   - The game will stop if the total successful hits are made. (3 hits)
   - Display total count of guesses