

# 1 Assignment

- Write an HTML file with a button. When the button is clicked, show an alert with your name.
- Create a variable and change its value from a number to a string. Print both values using `console.log`.
- Write a function that takes two numbers and prints their sum using `console.log`.
- Use an if/else statement to check if a number is positive, negative, or zero. Print the result.
- Write a for loop that prints numbers from 1 to 10.
- Write a while loop that prints numbers from 10 down to 1.
- Use a switch statement to print a message for different colors (red, green, blue, other).
- Write code that produces `NaN`, `null`, and `undefined`, and print their values using `console.log`.
- Write a function that takes a string and tries to convert it to a number. Print the result and check if it is `NaN`.
- Create an object and try to access a property that does not exist. Print the result.
- Write a function with no return statement. Call it and print the result.
- Write a nested if statement to check if a number is even and positive. Print a message for each case.
- Write a loop that sums all numbers from 1 to 100 and prints the result.