1. create a boolean variable (const x = true). make an if-else statement, in case the boolean is true, console.log('beep'), else console. log('bop').

2. create a function that receives 2 arguments, in case both arguments are equal, log true.

3. create a function that receives 2 arguments. In case the first argument is bigger than the second argument console.log('beep'), else console.log('bop').

4. create a function that receives 2 arguments. In case the first argument is bigger than the second argument console.log('beep'), else console.log('bop'). - This time use ternary operators.

5. create 3 number variables (x,y,z) and check the following: if x is bigger than 4, log the sum of the 3 variables (calculate x+y+z), else subtract x with y and z. (calculate x-y-z).

6. create a function that receives an array as an argument. check if the fifth index in that array exists, if it does console.log it, if it doesn't console.log a message.

7. create a function that has within its scope 2 variables (x, y). outside the function, there's another number variable named 'count'. in case x is equal to y, multiply the count by itself (calculate count*count) else divide the count by 2 (calculate count / 2).

8. create a function that receives 5 arguments. using if-else statements console.log the largest number.

9. create a function that receives an object as an argument. in case the object has a key 'name' log the name. else log a message. use the ternary operator for it.

10. create a function that receives 2 arguments (number and object), and using a ternary operator check if the number is even or odd. in case the number is odd, add to the object a new key called 'odd' with the value of the number, and then log the new object. else, add to the object the key 'even' with the value of the number.

BONUS:
make a function that receives an array as an argument, the argument can be of any type (string, boolean, number…). In case the second index of the array is a number, remove the first 3 elements in the array. else, remove the last 2 elements of the array.