

## Module 1 - Front-End Web Development

### JavaScript -Loops and Objects(progressive exercise)

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#### Overview

In this exercise you will be required to create objects effeciently and manipulate them according.

#### Instructions:

// TODO: Loop through the array below and print all the values in the array.

let numbers = [3,6,9,12,15,18].

// TODO: Create a variable called sum. Loop through the previous array again and add the values to the variable called sum. Make sure to print the sum with an appropriate message.

// TODO: Create a new variable called oddSum. Loop through the array used in the first question again and only add the odd numbers to the oddSum variable.(Yes you need a conditional statement inside the loop)

// TODO: Create an object of yourself , called 'friend1' with properties of name, nickname, favFoods(This value has to be an 'array' with 2 values), hobbies (This value has to be an 'array' with 2 values).

// TODO: Now print 2(minimum) sentences out using the created object. Make sure to use all the different favFoods and Hobbies. E.g output --> Hi. My name is Matthew and my friends call me Brownie. I always eat Gatsby after jogging on a Sunday morning . I also love eating pizza after a good game of Squash(Also, don't judge me o(\*￣▽￣\*)o )

Be creative and create your own sentences.

// TODO: Create a constructor function and create objects of people around your table namely friend2, friend3 and friend4. They should have the same properties and amount of values as friend1. Make sure to change friend1 so that you are using the constructor function when creating it.(Make sure to comment out the previous declaration of friend1)

// TODO: Push the created objects(friend1, friend2, friend3, friend4) to an array called friends. Loop through the array called friends and print each object.

// TODO: Change your loop to only print the the friend if they have a hobby of Soccer.  
\*\*\* You are not allowed to use javascript methods for this question\*\*\*

// TODO: Create a new loop to add a new hobby called 'Being a legend' to each friend without changing them individually.

### Submission:

After completing the exercise, name the file 'loops and objects - Name and Surname.js'. Then upload your files to the LMS.