GOMYCODE

Program Flow: Functions

A **function** is basically a piece of code that can be reused without having to write it again and again.

Think of a function like a mathematical function giving you a relationship between input and output variables. If you don't like math, think of a function like a vending machine. You insert coins and a number, and it gives you cold soda.

The function definition example in the code box describes the relationship between its input variables **a** and **b**, and the **return value** of the function.

The return statement returns the value of the function. When calling the **add** function with arguments a and b, it computes the value **a+b** and returns it.

Example:

```javascript
function add(a, b) {
        return a + b;
}
console.log(add( 5,2)); // prints 7
```

JavaScript Functions

[▶ YouTube video]

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