

# Full-Stack Web Developer Training Program

Front-end Cohort - Angular Development



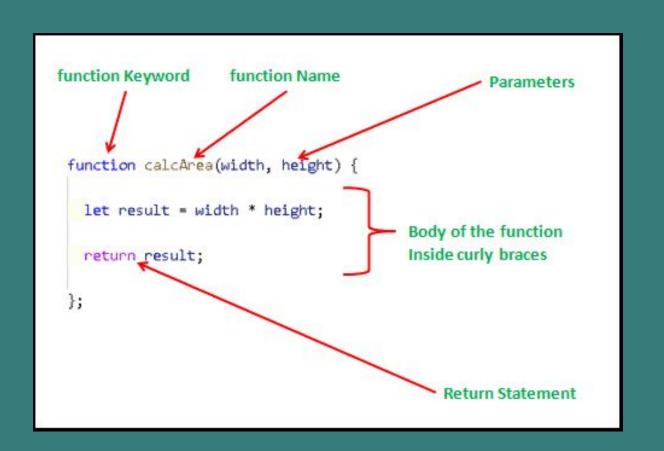


# Class 03 JavaScript Foundations Part 2

### **Functions**

#### **Functions**

 A JavaScript function is a block of code designed to perform a particular task. A JavaScript function is executed when "something" invokes it (calls it).



# Objects

## Objects

• A data structure that represents key-value pairs.

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```
let person = {
    name: 'John'-, Values
    age: 20
};
```

# Built-in Methods

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- Built-in methods are methods provided for you by JavaScript
  - There are built in methods for strings, objects, arrays, and more.

# DOM Manipulation

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- DOM Manipulation is the process of modifying the elements on a website. This gives the developer ultimate flexibility.
  - Increase user interactivity
  - Manipulate the page how you see fit
  - Single Page Applications(The entire app all on one page, doesn't require SSR).
  - o ect

### DOM Manipulation demo

https://codepen.io/iamsurajsharma/pen/xWjbox

#### Overview

- Functions are defined reusable logic
- Objects are data structures that make up key-value pairs
- Built-in methods are already defined methods by JavaScript. Primarily are used to make development easier
- DOM manipulation is the process of modifying the website(adding, editing,removing html elements)

#### Demo