

JavaScript Cheatsheet

JavaScript is a high-level programming language used primarily for developing web applications. Here is an overview of its features, code blocks, and resources.

Features

- JavaScript is a scripting language that can be used to add interactivity to web pages.
- It can be used for both front-end and back-end development.
- JavaScript is dynamically typed, which means that variables do not need to be declared before use.
- JavaScript supports functional programming paradigms as well as object-oriented programming.

Code Blocks

Variables

Variables are used to store data that can be used later in the program.

```
let variableName = value;
```

Functions

Functions are code blocks that perform a specific task. They can be called by other parts of the program.

```
function functionName(parameter1, parameter2) {  
    // code to be executed  
}
```

Conditionals

Conditionals allow the program to make decisions based on certain conditions.

```
if (condition) {  
    // code to be executed if condition is true  
} else if (otherCondition) {  
    // code to be executed if otherCondition is true  
} else {  
    // code to be executed if neither condition is true  
}
```

Loops

Loops allow the program to repeat a set of instructions.

```
for (let i = 0; i < 10; i++) {  
    // code to be executed  
}
```

Objects

Objects are a fundamental part of JavaScript and are used to store and manipulate data.

```
const objectName = {  
  property1: value1,  
  property2: value2,  
  method: function() {  
    // code to be executed  
  }  
};
```

Resources

Here are some resources for learning and using JavaScript:

- [JavaScript Documentation](#)
- [JavaScript subreddit](#)
- [W3Schools JavaScript Tutorial](#)
- [JavaScript on Stack Overflow](#)