

JavaScript Cheatsheet

Learn JavaScript Correctly (Video course)

https://ilovecoding.org/courses/js2



Conditional Statements

Conditional statements allow our program to run specific code only if certain conditions are met. For instance, lets say we have a shopping app. We can tell our program to hide the "checkout" button if the shopping cart is empty.

If -else Statement: Run certain code, "if" a condition is met. If the condition is not met, the code in the "else" block is run (if available.)

```
if (a > 0) {
   // run this code
} else if (a < 0) {
   // run this code
} else {
   // run this code
}</pre>
```

Ternary Operator. A ternary operator returns the first value if the expression is truthy, or else returns the second value.

```
(expression)? ifTrue: ifFalse;
```

Switch Statement: Takes a single expression, and runs the code of the "case" where the expression matches. The "break" keyword is used to end the switch statement.

```
switch (expression) {
  case choice1:
    // run this code
    break;

  case choice1:
    // run this code
    break;

  default:
    // run this code
}
```

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Truthy / Falsy

There are certain values in JavaScript that return true when coerced into boolean. Such values are called **truthy** values. On the other hand, there are certain values that return false when coerced to boolean. These values are knows as **falsy** values.

Truthy Values

```
true
"text"
72
-72
Infinity
-Infinity
{}
[]
```

Falsy Values

```
false
""
0
-0
NaN
null
undefined
```