**Truthy and Falsy**

Every value in JavaScript has an inherent boolean value. When that value is evaluated in the context of a boolean expression, the value will be transformed into that inherent boolean value.

The paragraph above is pretty dense with information. You should probably re-read it again! ☝️

**Falsy values**

A value is **falsy** if it converts to false when evaluated in a boolean context. For example, an empty String "" is falsy because, "" evaluates to false. You already know if...else statements, so let's use them to test the truthy-ness of "".

**if** ("") {

console.log("the value is truthy");

} **else** {

console.log("the value is falsy");

}

***Returns:****"the value is falsy"*

**Here’s *the* list of all of the falsy values:**

1. the Boolean value false
2. the null type
3. the undefined type
4. the number 0
5. the empty string ""
6. the odd value NaN (stands for "not a number", check out the [NaN MDN article](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/NaN" \t "_blank))

That's right, there are only *six* falsy values in all of JavaScript!

**Truthy values**

A value is **truthy** if it converts to true when evaluated in a boolean context. For example, the number 1 is truthy because, 1 evaluates to true. Let's use an if...else statement again to test this out:

**if** (1) {

console.log("the value is truthy");

} **else** {

console.log("the value is falsy");

}

***Returns:****"the value is truthy"*

Here are some other examples of truthy values:

true

42

"pizza"

"0"

"null"

"undefined"

{}

[]

**Essentially, if it's not in the list of falsy values, then it's truthy!**

**QUIZ QUESTION**

Select the truthy values from the list of values.

* 

""

* "null"
* -5
* 

0.0

* 

undefined

SUBMIT

Open the developer console in your browser to test the output of options mention in the above quiz.

**if**(< Write your condition here >)

console.log("This text will be printed if the condition above evaluates to true");

NEXT