

EXAMPLE 36: UNDERSTANDING TRUTHY AND FALSEY

EXAMPLE 36: UNDERSTANDING TRUTHY AND FALSEY

I WISH I HAD INVENTED THE TERMS "TRUTHY" AND "FALSEY", BUT THEY ACTUALLY EXIST IN JAVASCRIPT:-)

TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO

**FALSEY = ANYTHING THAT CAN BE CONVERTED
(BY JAVASCRIPT) TO false**

**TRUTHY = ANYTHING THAT CAN BE CONVERTED
(BY JAVASCRIPT) TO true**

**THESE CONVERSIONS WILL APPLY TO ALL ==
COMPARISONS (BUT NOT TO === COMPARISONS!)**

**FALSEY = ANYTHING THAT CAN BE CONVERTED
(BY JAVASCRIPT) TO false**

**false, null, NaN, 0, "" (EMPTY STRING), AND
undefined**

**TRUTHY = ANYTHING THAT CAN BE CONVERTED
(BY JAVASCRIPT) TO true**

**{ } (EMPTY OBJECT), [] (EMPTY ARRAY), ALL
NUMBERS INCLUDING NEGATIVE NUMBERS**

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

FALSEY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT) TO
TRUTHY = ANYTHING THAT CAN BE CONVERTED (BY JAVASCRIPT)

0 is falsey

-1 is truthy

5 is truthy

null is falsey

undefined is falsey

Heloo is truthy

<empty string> is falsey

<empty array> is truthy

The string 'NaN' is truthy

The value NaN is falsey

The empty object {} is truthy

JAVASCRIPT QUIRKS

ARE ANNOYING WHEN YOU FIRST ENCOUNTER THEM,
BUT OVER TIME THEY BECOME AMUSING, EVEN

✓ **STRANGE SPECIAL
VALUES**

✓ **STRINGS AND
NUMBERS**

✓ **STRANGE COMPARISON
OPERATORS**

• • • • •
• **TRUTHY AND** •
• **FALSEY** •
• • • • •

JAVASCRIPT QUIRKS

ARE ANNOYING WHEN YOU FIRST ENCOUNTER THEM,
BUT OVER TIME THEY BECOME AMUSING, EVEN

✓ **STRANGE SPECIAL
VALUES**

✓ **STRINGS AND
NUMBERS**

✓ **STRANGE COMPARISON
OPERATORS**

✓ **TRUTHY AND
FALSEY**