

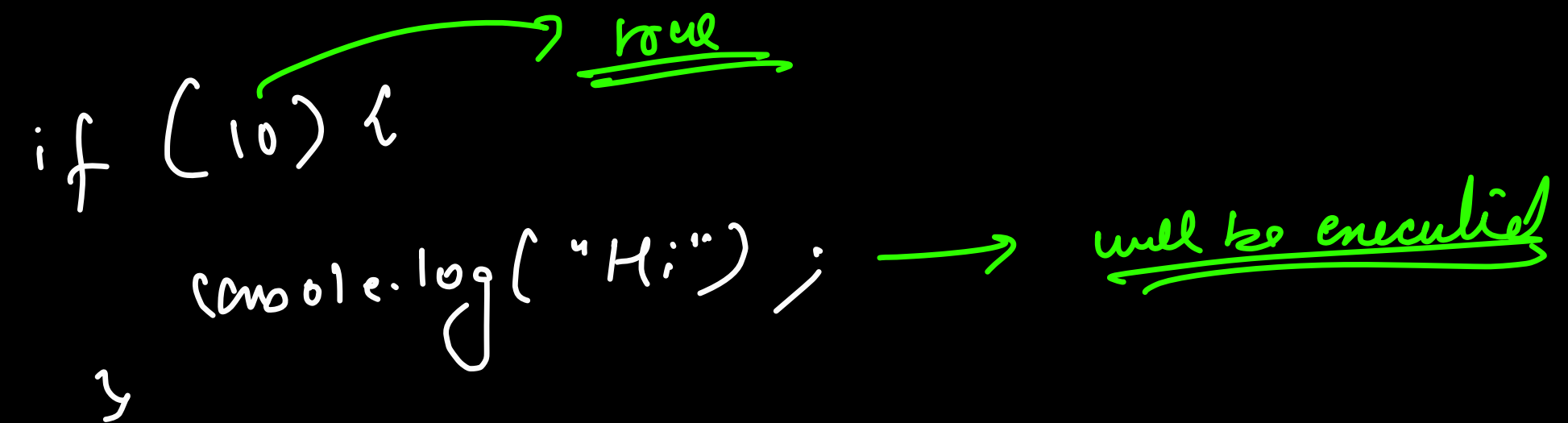
undefined, null, NaN, +0, -0, false, ''

↓
these are falsey values

(-29) → truthy

if (condition) → To Boolean

if (10) {
 console.log("Hi");
} → will be executed



abstract equality

$x == y$

$x \rightarrow \text{Number}$ $y \rightarrow \text{String}$ \rightarrow converts $y \rightarrow \text{ToNumber}$ & then again does comp

$x \rightarrow \text{String}$ $y \rightarrow \text{Number}$ \rightarrow converts $x \rightarrow \text{ToNumber}$ & then again does comp.

$x \rightarrow \text{bool}$ \rightarrow convert $x \rightarrow \text{ToNumber}$ & then again do comp

$y \rightarrow \text{Boolean} \rightarrow \text{convert } y \text{ to a Number} \ \& \ \text{do the comp again}$

$x \rightarrow \text{Number, String, Symbol} \ \text{and } y \rightarrow \text{object} \rightarrow \text{We convert}$
 $y \text{ To Primitive} \ \& \ \text{comp again}$

'abc' == 'abc'