

# CS 1520 – Week 6

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# Plan for today - JavaScript

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--- Getting started with JS

--- Comparison operators

--- Quiz (ungraded)

# Comparison Operators – The Problem

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`" == '0' // false`

`0 == " // true`

`0 == '0' // true`

`false == 'false' // false`

`false == '0' // true`

`false == undefined // false`

`false == null // false`

`null == undefined // true`

# Why does this happen ?

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Abstract Equality Comparison Algorithm

Conclusion ? Be careful using `==` and `!=` with JavaScript!

Stick to `===` or `!==` which consider the variable “type”

# QUIZ - Ungraded

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Head over to this link:

<https://people.cs.pitt.edu/~pranut/TA/CS1520-Spring21/week6/Quiz2.pdf>

# Getting started with JS

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Quick run and practicing JavaScript

`<Script>` tag placement important