

PROFESSIONAL & CONTINUING EDUCATION

UNIVERSITY *of* WASHINGTON

LESSON 02: INTRO TO RESPONSIVE WEB DEVELOPMENT

JAVASCRIPT & RESPONSIVE DESIGN



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LESSON 02, SECT. 2

DATA TYPES



JAVASCRIPT & RESPONSIVE DESIGN



JAVASCRIPT DATA TYPES

- > Boolean
- > Null
- > Undefined
- > Number
- > String
- > Symbol (new in ECMAScript 6)



JAVASCRIPT DATA TYPES

> boolean

- Boolean represents a logical entity and can have two values: true, and false.

> null

- In computer science, a null value represents a reference that points, generally intentionally, to a nonexistent or invalid object or address. The meaning of a null reference varies among language implementations. TL:DR they point to nothing.

> undefined

- The variable has no defined value



JAVASCRIPT DATA TYPES

> number

- Integers between (numbers between $-(2^{53} - 1)$ and $2^{53} - 1$).
- -9007199254740991 min
- -9007199254740991 max

> string

- JavaScript's String type is used to represent textual data. It is a set of "elements" of 16-bit unsigned integer values. Each element in the String occupies a position in the String. The first element is at index 0, the next at index 1, and so on. The length of a String is the number of elements in it

> symbol

- New to Javascript, it allows for a unique identifier. We won't worry about them in this class.

