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WDD330

Week 3 notes

* Objects:
  + Declaring Objects:
    - enter name with braces: const name = {};
    - enter name with Object constructor: const name = new Object();
  + Calling Object Methods:
    - dot notation: name.show();
    - bracket notation: name[‘show’]();
  + Checking if properties exist:
    - in: field in object
      * returns true if field is defined or inherited
    - using undefined: object.field !== undefined
      * returns true if field is defined or inherited
    - hasOwnProperty: object.hasOwnProperty(‘field’);
      * Has own property returns false when fields are inherited
* DOM:
  + getting elements:
    - document.body gets the body
    - document.getElementById
    - document.getElementsByTagName: returns a node list of all items with that tag name
    - document.getElementsByClassName: returns a node list of all items with that class name
  + set attributes:
    - takes 2 parameters, the attribute and the new value
    - className property: sets class name directly
    - classList property: list of all the element’s classes
  + Create element:
    - createElement(“tag name ex: H1”);
  + append child:
    - adds a child element to the specified element