Conditionals –

If Else: if(one true check) and (if)else(one true one false check), else if(checks many cases based on comparison values).

Switch: covered base definitions taking in and outputting strings

Ternaries: covered base info, multi case situations, numerical value input and string output

Loops:

For Loops – do something repetitively, does not require the object to be numbered to iterate over it, structure of a) creation of an indexing variable b) a run condition c) change to the indexing variable; used count 1-10 example, count to -25 by -3 starting from 2 example, name.length example console.log(name[i]), variable use and set for index i, introduced math.floor and math.random

For In Loops – working through object or arrays, for (item in student) ex with console logging item and student[item], cat array (for cat in catArray) ex w/ console logging cat and catArray[cat], did a for-in loop for capitalizing first letter and lowercasing the rest by for(n in instructor) if n == 0 capName = instructor[n].toUpperCase(); else capname += instructor[n].toLowerCase()

For Of Loops – of requires that the ‘thing’ you iterate through is numbered(iterable), an array is a better use, student for of example breaks because it’s an object, cat example works because it’s an array, for (cat of catArray) the cat represents the actual value(grabs the value) of the keys versus with for in loops the cat represents the number or key of object(gives us the numerical value of the key

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Define Boolean, Object, and Array(all covered in white)

Enumerable – able to be counted by one-to-one correspondence

Iterate – perform repeatedly, to do again and again

Objects – Object Literal 🡪 data type that stores a collection of properties(keys) and their values

Redefine conditionals in JS and their use/practicality “truthy” statement

// comments to define structure of each conditional structure/format

Do all three in one file for comparison – if else, switch, and ternary

For loops - define use of let to redefine the value as it’s used in loop, in an infinite loop -> solutions for stop it