@girlie\_mac

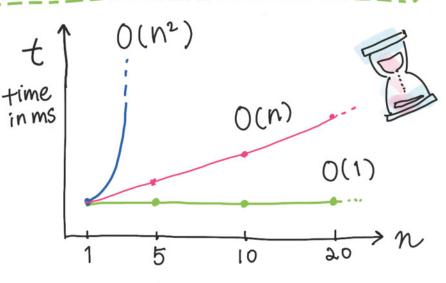




Let's see if we have some function that doesn't actually loop the array:

const always True No Matter What = (haystack) > { return true;

~ Array size N=10 has no effect on the runtime Es Constant time 0(1)



Quadratic time = 0 (n2) = 5, however

proportional

Const

array 2 = [ \( \omega, \omega,

Const has Duplicates = (arr) → { for (let i=0; i < arr. length; i++) Loop thru let itam the array let item = arr [i]; it (arr. slice (i+1). index of (item) !== -1) { 3 5 return true; ( E) Another array look up. return false; wl index of method