problem softement: viven an array of integers, return indices such that they add up to a specific sum.

Assume that each input has exactly one solution. You may not use the same element twice.

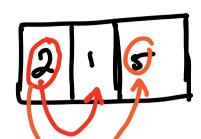
odjective:

-given arr [1,2,...]
sum to find

- neturn indrus

{ def find_indices (arrin);

How to go about it: (bruke force)



if n:7

alter getting liet value, or would want to scan the arroy to find the Corresponding value.

il this does not work sime! Inventor
see value and try again with the
next one

cons: as it's brute ferce, the rontine of this algorithm is not very efficient $C(n^2)$

How to go about it: (one-pass)



For each number, the value we'd want is the difference between the tanget and the given value.

Instead & checking every numbers 318+ sec il see difference is present.

most ellerent way to do this is to make a hash-map of every value in

ar input array.

01		23	
2	1	5	3

Hash Map	starts os
val: index	the start,
indius	here work