

Two Sum

0	1	2	3
2	7	11	15

target = ~~9~~ 4

output = [0, 1]

Index
Number

map

arr(i)	i
key	value
2	0
7	1
11	2
15	3

i = 0 to n:

Case 1

if (arr(i) == target
 &&

map.containsKey(i)

&

result(0) = i;

result(1) =

map.get(0)

break;

[0, 4]

case 2:

remaining = target - arr(i)

↓

HashMap

↓ Non - Repeatable element

Return index of

both elements