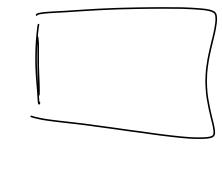
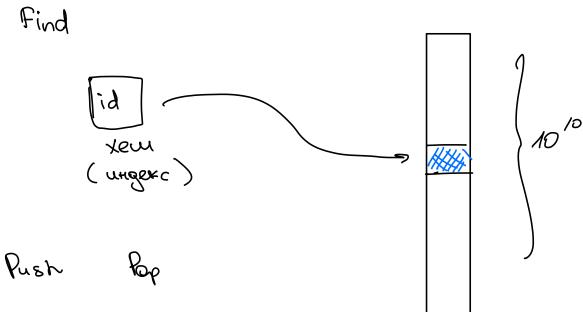
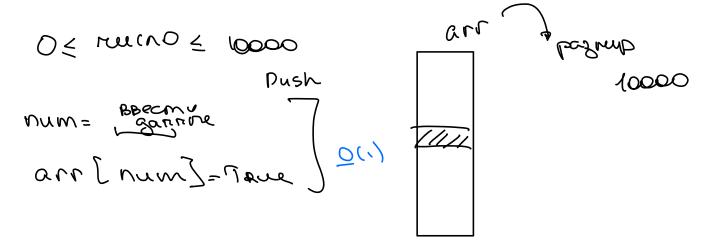
## Lew-rasmuson

Monubay us	Push	Pop	Find
Static Array	<u>O(N)</u>	©(n)	Q(N)
list	<u> </u>	<u>o</u> (1)	D(4)
Sorted Array	Q(N)	$\overline{O}$ ( $N$ )	(logu)
Dyromic Array	$\overline{O}_{*}(\overline{\nabla})$	O+ (3)	<u>0</u> (N)
Yeur-Tadurys	O*(7)	2*(1)	0*(1)
			<b>→</b>
Name			_
Tem-rashuza	c ,	rpenner app	ocayuel,
		Homep Tenegoria	brageness.
	6	3 800	<b>→</b>
		· · · · · · · · · · · · · · · · · · ·	
			118
		>	
Tenegraph			
·			



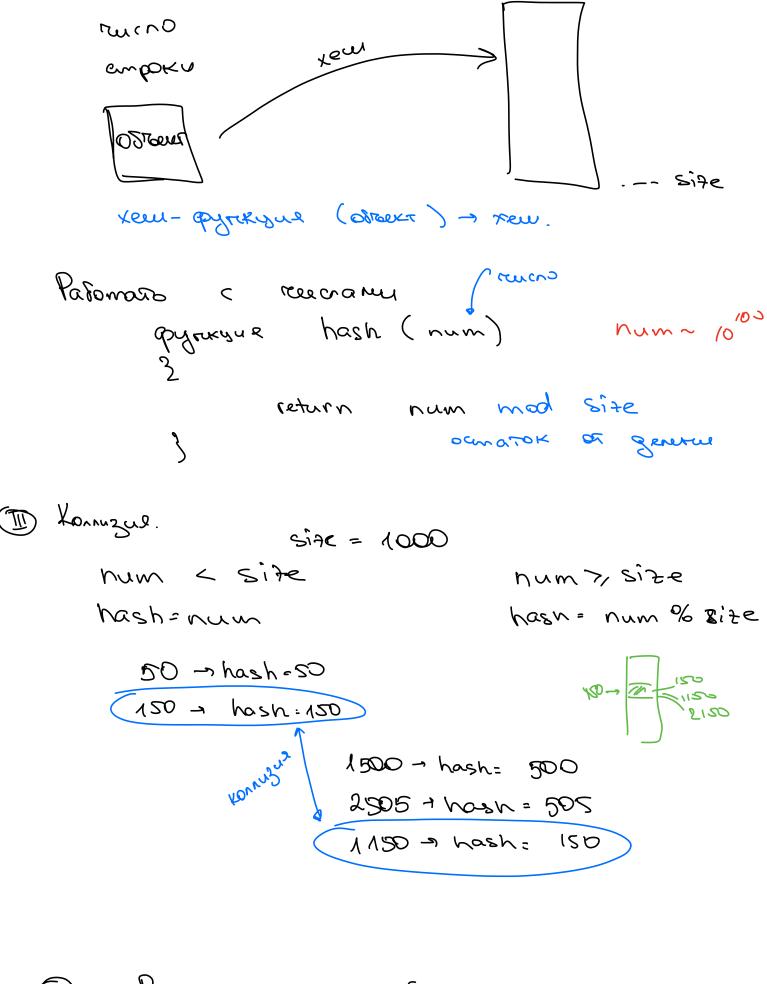


- 1 Demas Agreagus
  - s. Mor znaeur id
  - 2. le noonoperonce garrere



ans [num]=fase Pop

find prival are [ num]



(1) Penceren Konnezur ) Bonton appercanu

Find (clem) logreal. runner = inout while runner! = Null if runner. vallue = elem return There runner - runne, rest merog Find (obj) 2 hash = tash function (abs, capacity) return of an ang [hash]. Find (obj) Push (ebj)? hash = Kash Function (obj, capacity) it anchash? find (obj)=+true 5 return arrihash. Push (ob) Size = Size +1 now of lob (op!) 3, hash = .... arr[hash]. Pop (obj)

Size ~=1

Resize ( ) 2 new\_arr= [] // capacity \* 2 Los i=0... capacites List = arrsi] while List is not empty () element - List. Topc) List. POPC) h = trash Function (elem, 2x capacity) rew-arr[h]. push (element)

capacity = 2

UMIDEKUJU = test KORNUZUM