128. Longest Consecutive Sequence

```
20
                                                        m =
public int longestConsecutive(int[] nums) {
    HashSet<Integer> hs = new HashSet<>();
    for(int e : nums){
       hs.add(e);
    int ans = 0;
    for(int i = 0; i < nums.length; i++){</pre>
       if(!hs.contains(nums[i])){
           continue;
       hs.remove(nums[i]);
       int ple = nums[i]-1;
       int pre = nums[i]+1;
                                                                hs
       while(hs.contains(ple)){
           hs.remove(ple);
           ple--;
                                                                              4
       while(hs.contains(pre)){
           hs.remove(pre);
            pre++;
                                                                   10
                                                                            12
```

1 +

2 +

3 4 +

5

6 7

8 + 9 +

10 11 12

13

14

15

18

19

20

22 23

24

25

26 27 28

29 30

21 +

16 + 17

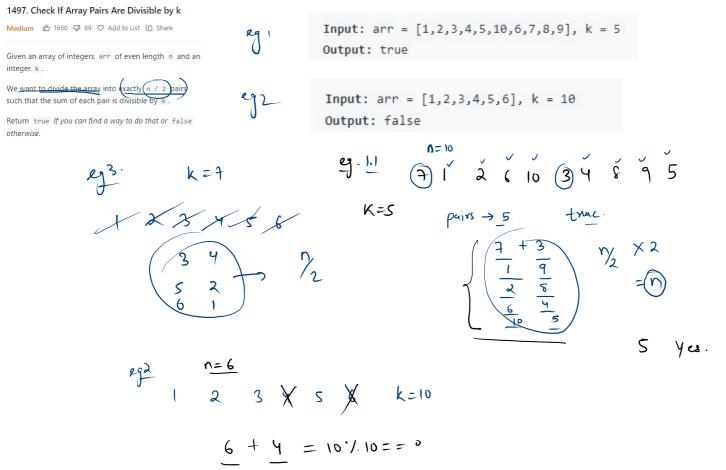
class Solution {

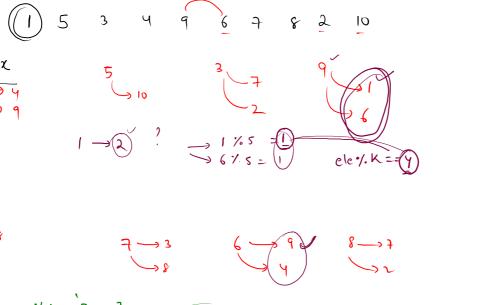
}

return ans;

ans = Math.max(ans, pre - ple - 1);

10





ele% K

1/5==1 5 1.5 = 0 3 1. 5 = 3

6-1-5=1

1 % k

12

freq of ele /sk

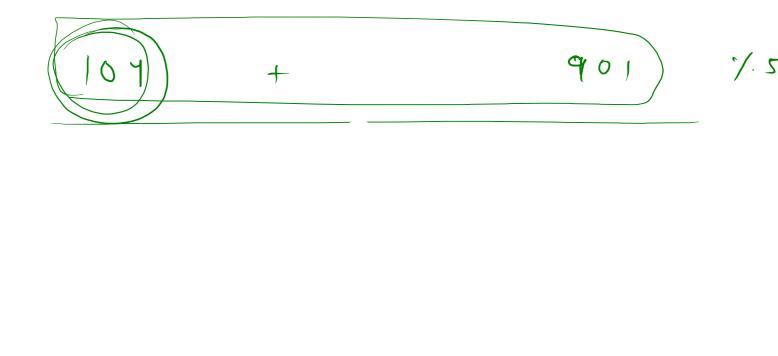
7κ,

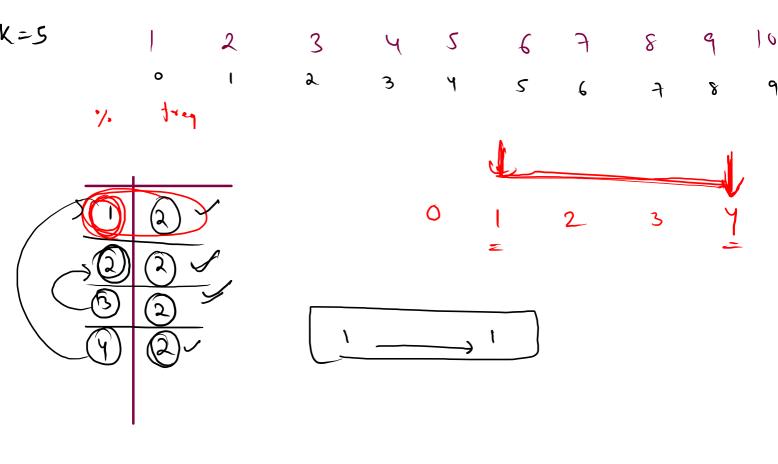
2 3 4 5 6 7 8 9 10

1 % k = (17) -> K

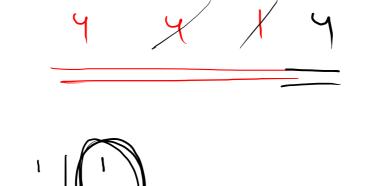
(e + e') % k = 0 (e') k = 0 (e') k = 0

K.=5.

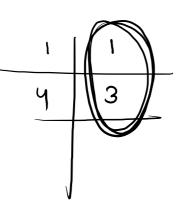




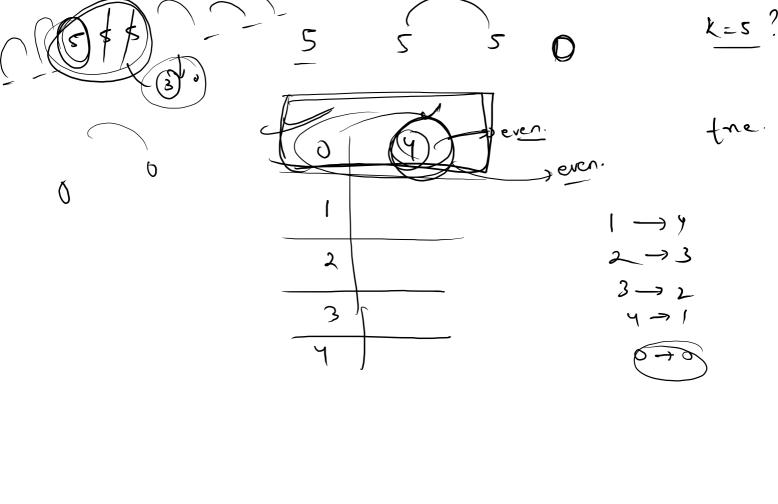
K=5



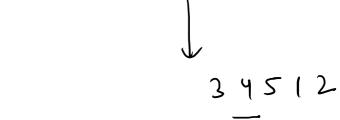




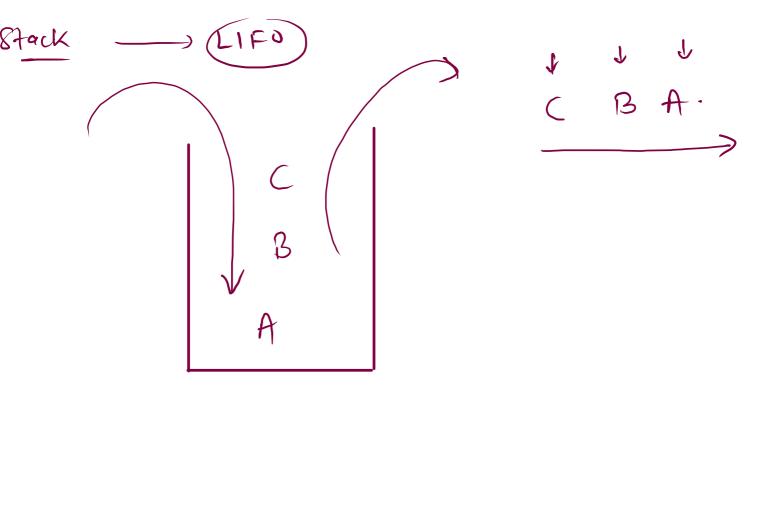




$$k=2$$
 45123
 $\zeta=3$ 345127



K = -2 + 5 = 3.



Pueue. -> FIFO first in Først out. add BC.

Queue ~ Collections.

Tava