## **HW\_Tickets Shopping**

```
0 1 2

| x | 3 | 2 | 1

0 1 2

| x | 3 | 2 | 1

> 0 T

1 > 0 T

1 > 0 T

0 > 0 f
```

```
Queue<Integer> que = new LinkedList<>();
for(int i = 0; i < n; i++){
    que.add(i);
}
int time = 0;
while(tickets[k] > 0){
    int person = que.poll();
   c if(tickets[person] > 0){
        tickets[person]--;
        time++;
       cif(tickets[person] > 0){
            que.add(person);
System.out.println(time);
```

## HW\_First non-repeating character in a stream 3

```
public static String repeat(String str){
    int n = str.length();
    int count[] = new int[26];
    Queue < Character > que = new LinkedList <> ();
    StringBuilder sb = new StringBuilder();
   for(int i = 0; i < n; i++){
        char ch = str.charAt(i);
        count[ch - 'a']++;
                                                 foont = (a) (a) (16) (6)

1 >1 F 2>17 1>15 15 1>1 F
        que.add(ch);
       while(!que.isEmpty()){
            char front = que.peek();
           rif(count[front - 'a'] > 1){
                que.poll();
                sb.append(front);
                break;
       rif(que.isEmpty()){
                                                   0/P-> att 65
            sb.append("#");
    return sb.toString();
```