

$$(4-2)*(1) = 2$$
 $(5-2)*1$
= $3*1=3$

(udex - ngeli) = dist

(5-3) *

Text Editor write (A) write (B) undo () write (D) undo () redo () redo() read() 7-BDC

captain Monster

Any ~ defeat when capterin dead! (2,1,2)

attack! # 4, 2,3,2

attade? 3,2,3,1

attack (a 3,1,2,1)

adtack 6

72,2,3,2,1,59 O(1) 2/29/3/27/5/5

```
TC:
public static int minAttacksNeeded(int[] health, int k) {
  int n = health.length;
 Queue<Pair> que = new ArrayDeque<>();
  for (int i = 0; i < n; i++) {
   if (i == k) {
  que.add(new Pair(health[i], true));
      que.add(new Pair(health[i], false));
 while (true) {
   Pair person = que.remove();
    attacks += 1;
   person.myHealth -= 1;
  Cif (person.myHealth <= 0) {</pre>
      if (person.isCaptain ==_true) {
       return attacks;
    } else {
      que.add(person);
```

SC! O(N)