Morning.

- Min jumps usith ti -i moves
- Transpose N*N
- Transpose MAN
- Rotate maye
- Paration lobels
 - Add String.

Evening

- (1) Buddy Nim
- 2) Min no. of Boats
- 3 Min. Plateford
- max. product subarray
- (I) Multiply String

Sunday, 12 September 2021

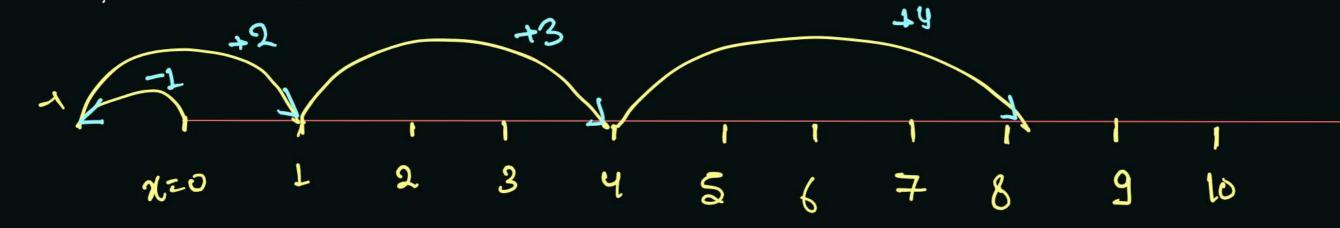
10:39 AM



X=8

Min-+ Reach to

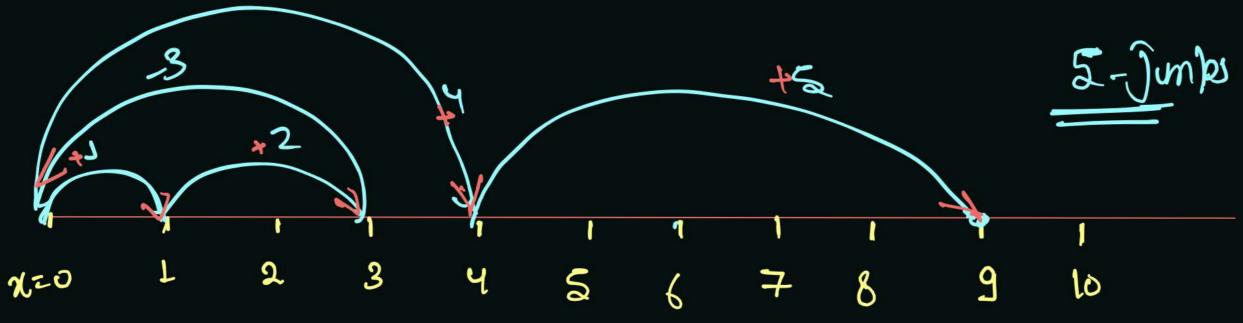
nearrost point of farget.



jump-, succesive

(-1,+1) (1) -2+2 (2) -3,+3 (3)

Skipey jump 1)
not allowed

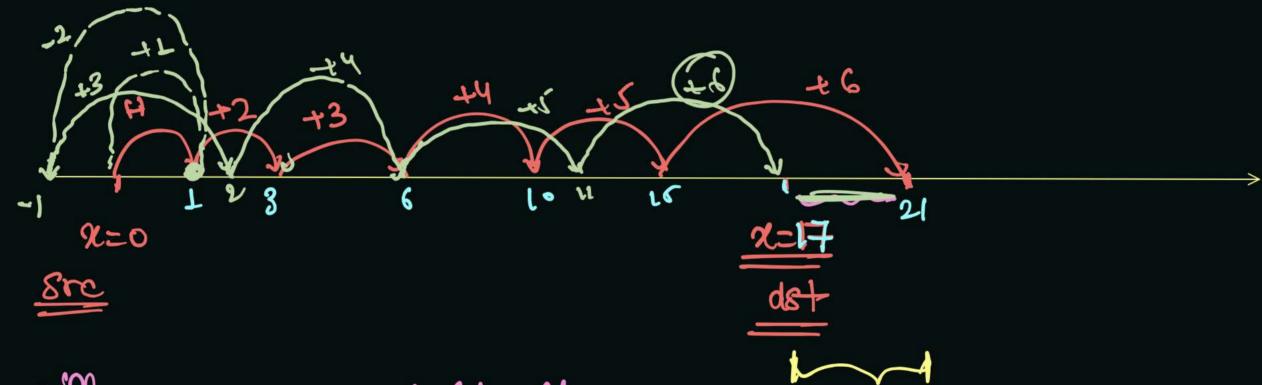


4- Jumps - 8

5-Junks to reach od

are taking jump toward target point, then it is helpful to ME min jumps ensure

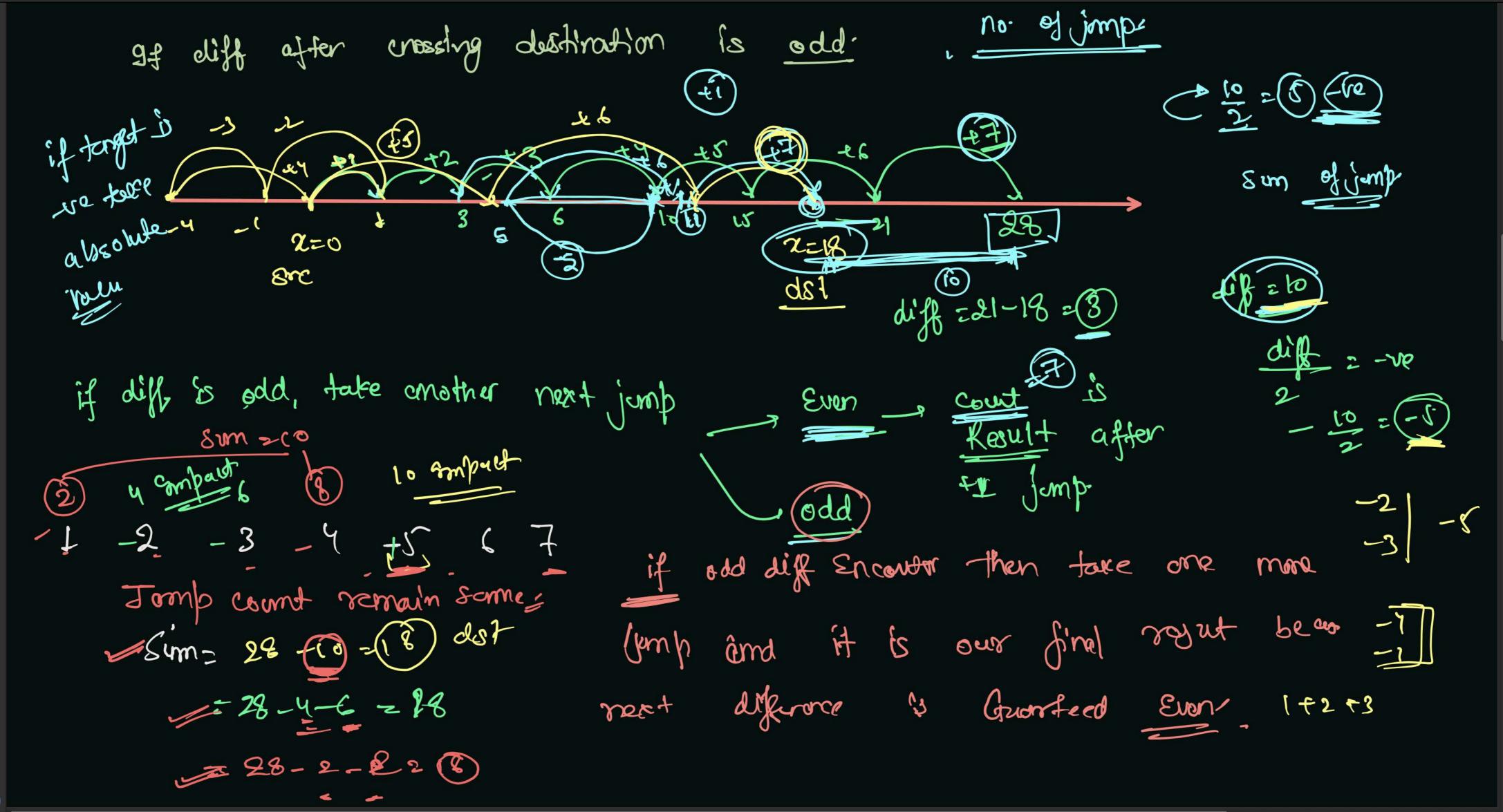
wing at destination # But it is ean reach necessary that we not

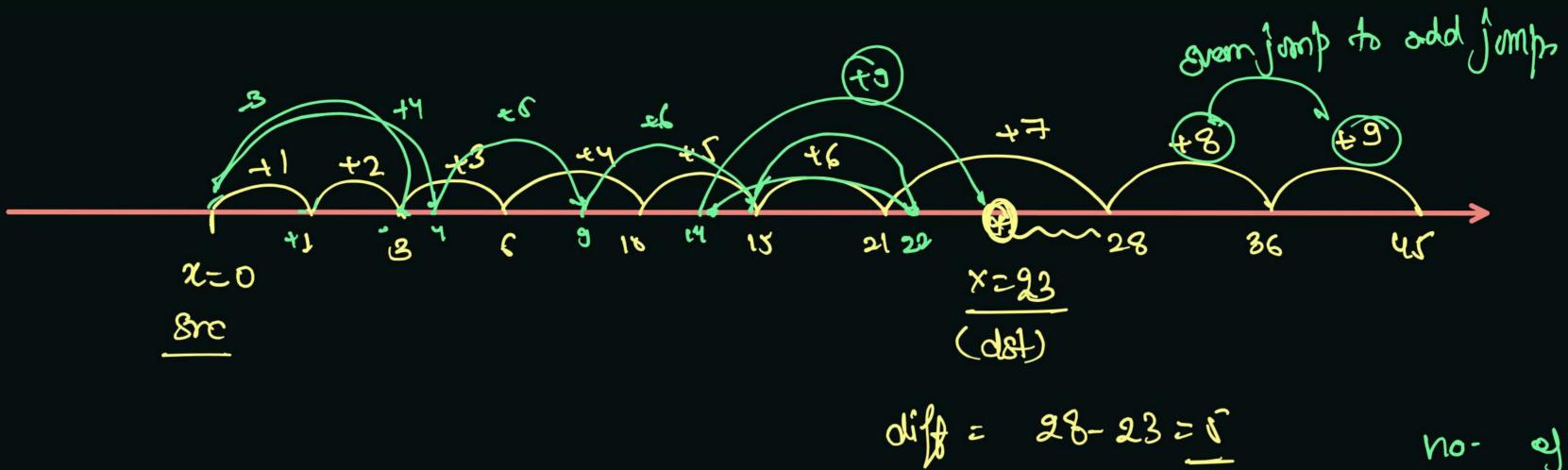


9f ve will reach od destination then jump ks and wor. we will the dollnown point

chalf = 4/2 E(2) make half jump 21-17 is final Repull no. ed jumps-

-10 dhou





difflz odd _ r jump one more

dif=28-23 = 5

X

odd

geven

odd F Even fodd Frum

g-x = odd, F Even = diff = odd 22

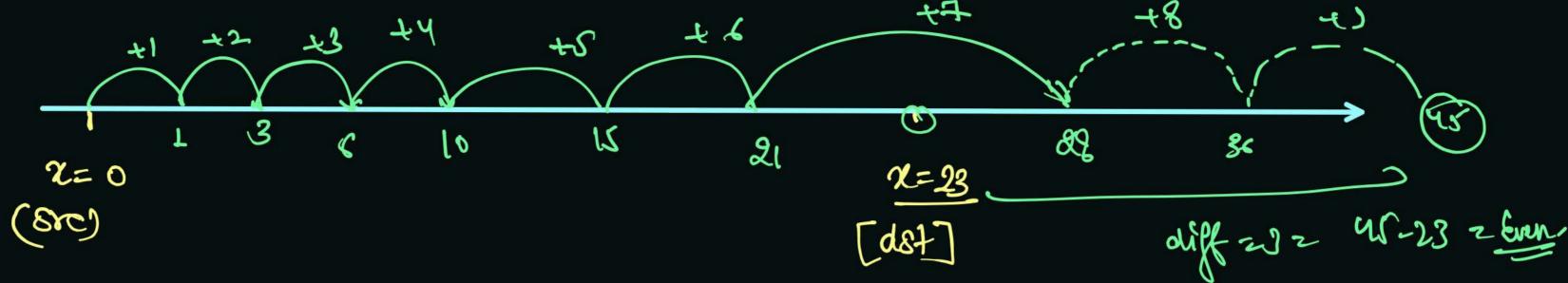
y-x = odd = diff = Even = 24

y-x = odd = diff = Even = 25

no- et very com be vionry but Jamp court remou'n somes

= -3 left

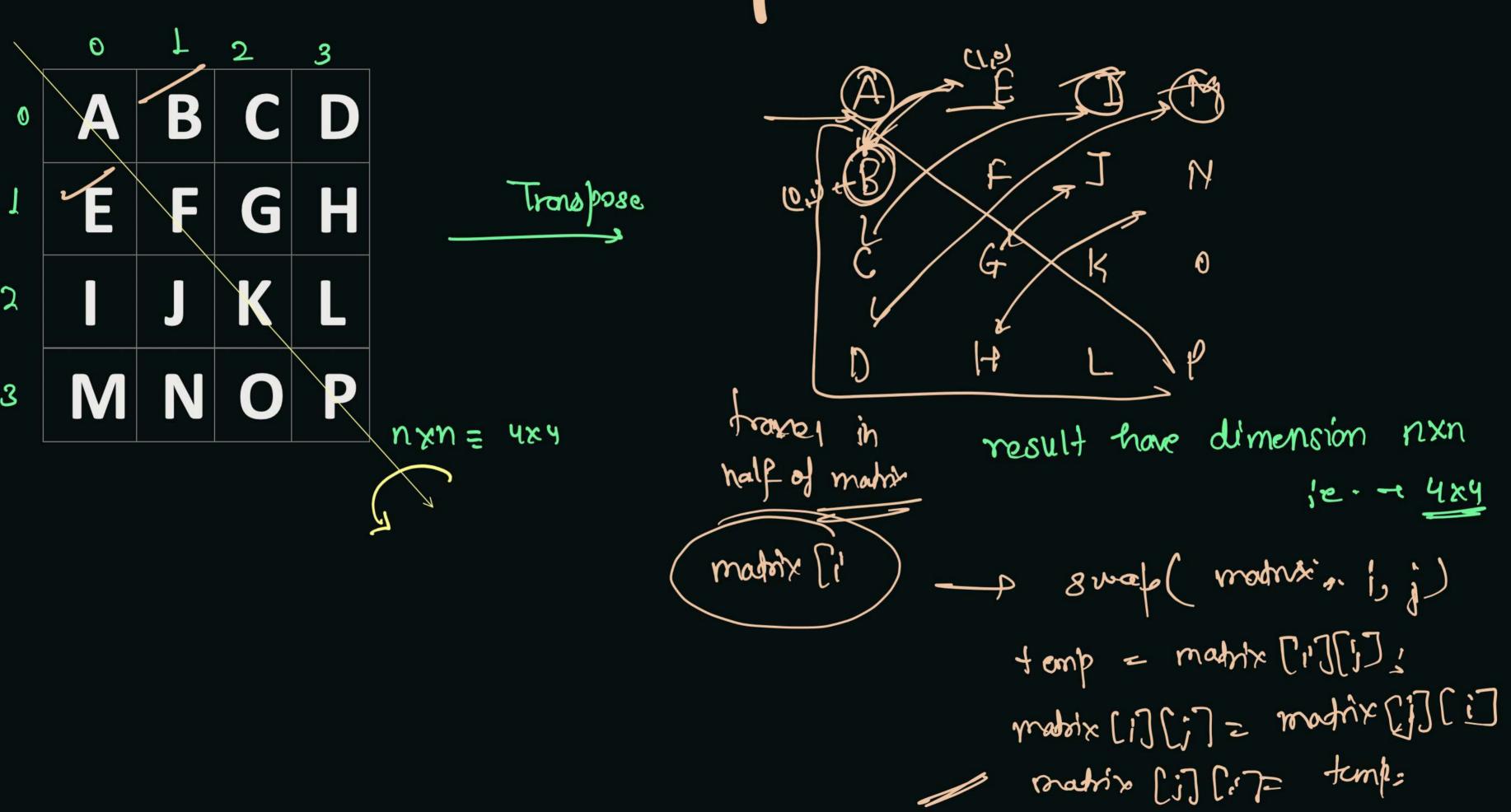
reach at destination - count is final ons. is final ons Choss. Sugn some. Socrement offer cross count (2) final Reput dot point Time complexity => 1+2+3+4+ n tems no-8) n(nH) = N $N^2 \equiv N$ time complexity = nuba ⇒ n = JN 's datinodim where N

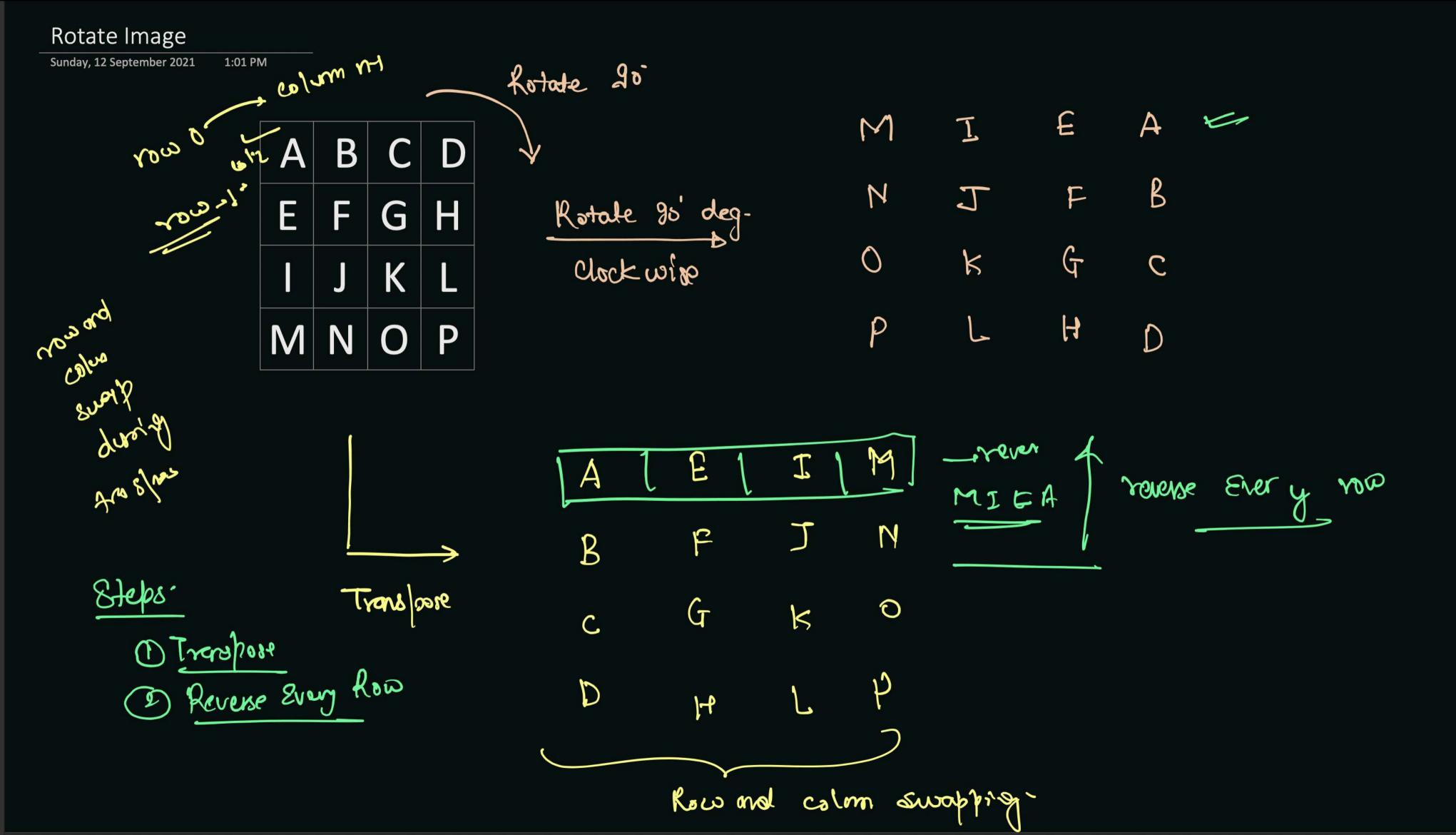


```
target = 23
jump=012118 8(7)
8=0 12 6 15 21 (28)
                     - Fry for 7
diff1 = 28-23=(5)
       8+8-23=36-23=13 Frey For 8
diff-3= Guar onteed Even- e Toy Forts
```

```
public int reachNumber(int target) {
 target = Math.abs(target);
 int jump = 0;
  int s = 0;
   while(s < target) {</pre>
       jump++;
 _{\mathbf{x}} if(s == target)
       return jump;
return jump; X
   } else if((s + jump + 1 - target) % 2 == 0) {
       return jump + 1;
   } else {
       return jump + 2;
```

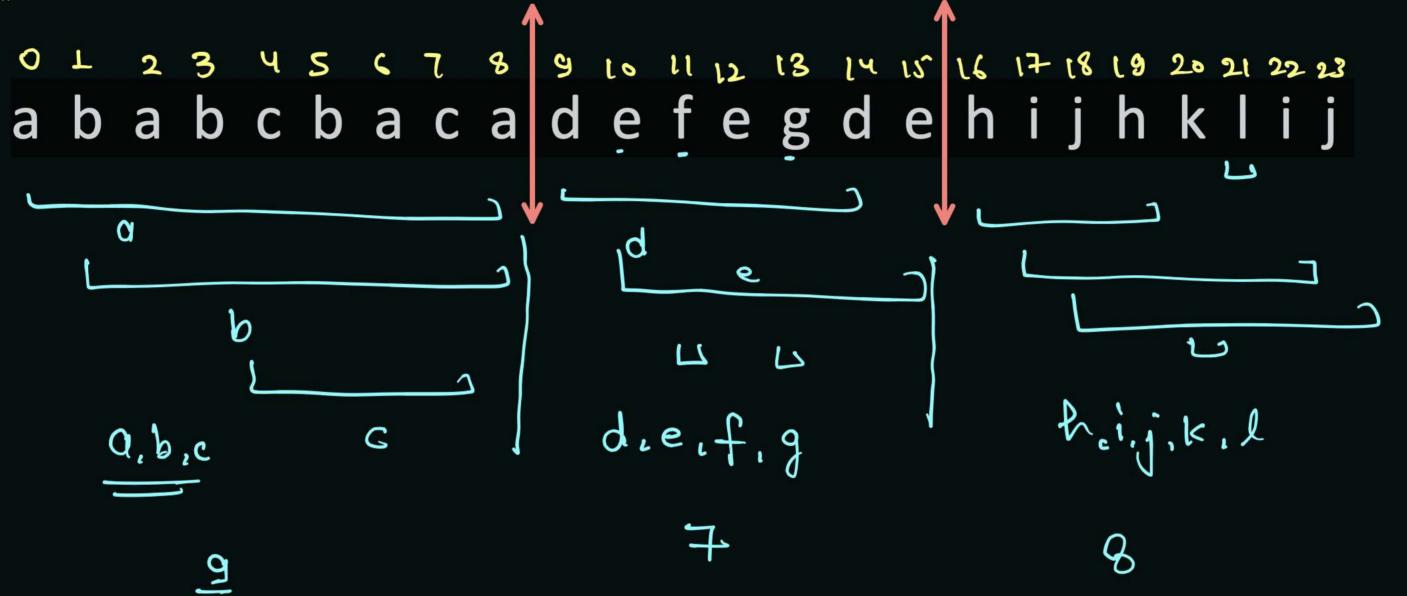
NXN-Transfoose





Sunday, 12 September 2021

1:10 PM



[9,7,8] <u>rojut</u>

Max No. of chambs = 8ize.

Min no of chamba = I

Begin from 1:40

indx-pre-ti order pre-ti a b a b c b a c a d e f e g d e h i j h k l i j max: 8

max: 8

max: 10

m

last occurrence — e Make a hashmap to momage last occurrence of character

1) Monage Index of last occurrece in Hashmap

Steps'

a chanacter ve int-

(2) Mange legge and cont in Result.