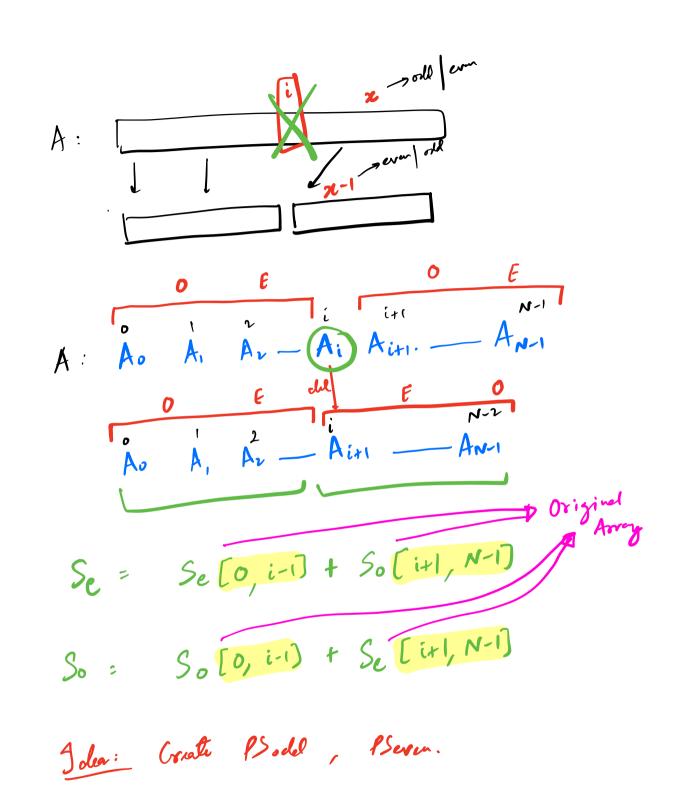
of Given an array.

Find the no. of Special indens! La ofter deleting that element Sund all even indered Sun fall odd element indered elements A: 7 3 2 7 6 -2 A: 7376-2



Se = Se 
$$O_{i}$$
 i + So  $(i+1)$   $N-1$ 

Se = PSe  $(i-1)$  + PSO  $(N-1)$  - PSo  $(i)$ 

So = PSo  $(i-1)$  + PSe  $(i+1)$   $N-1$ 

So = PSo  $(i-1)$  + PSe  $(i+1)$   $N-1$ 

So = PSo  $(i-1)$  + PSe  $(i+1)$   $N-1$ 

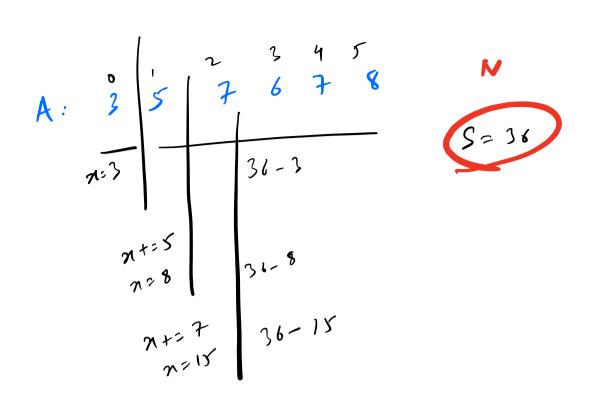
2. Cut = 0

$$(i=0)$$
 i < N; i+r)  $(i+r)$   $(i+r)$ 

A: 
$$\frac{1}{3}$$
  $\frac{2}{3}$   $\frac{1}{3}$   $\frac$ 

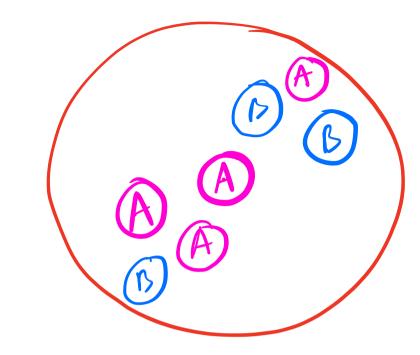
$$S_{c}: PS_{c}(i-1) + PS_{c}(i-1) - PS_{c}(i)$$

$$O + 9 - 0 = 8$$



HW. Doit in O(1) spore!

J Given a Civalor table. 2 players A & D Aplays first. they play in turn thy have supply of isother dists of Some Size (Size dishe Size touble) If both of ther play optimally who will WIN?

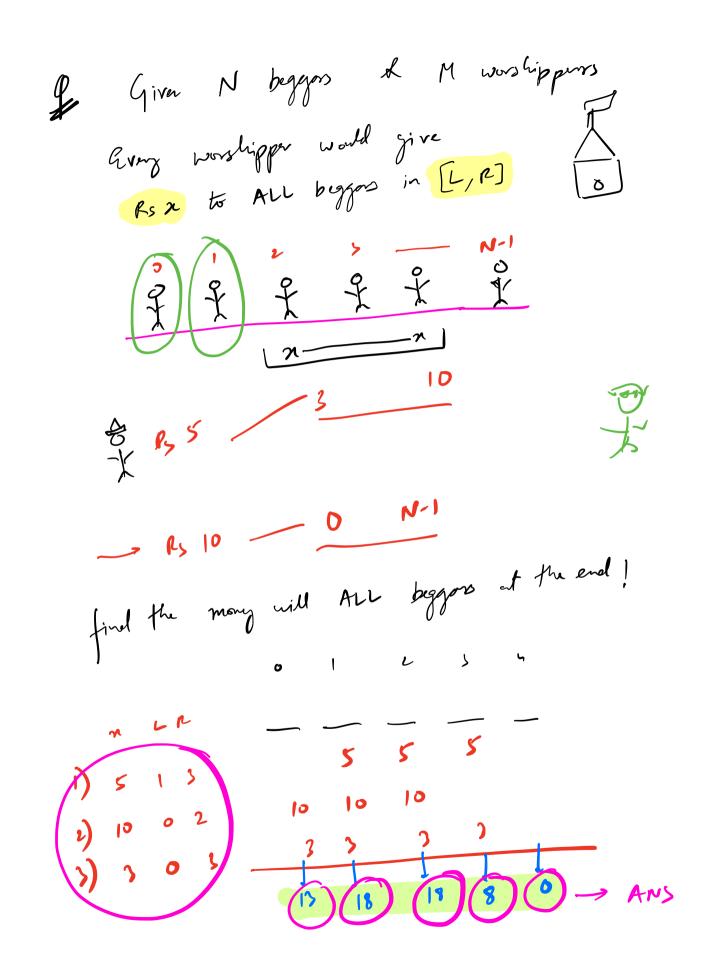


A world ALWAYS WIN

—— jet plue in CETER

—— yet plue in CETER

Men that app cut B's more!



$$+5$$
  $(2, 5)$ 
 $+5$   $(0, 3)$ 
 $+10$   $(2, 5)$ 
 $+10$   $(2, 5)$ 
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 $+10$   $(2, 5)$ 
 $+10$   $(2, 5)$ 
 $+10$   $(2, 5)$ 
 $+10$   $(2, 5)$ 
 $+10$ 

Given a any Ay N elements. Given & guris [L,R] ANS of a gury - Sund all elements in the inden saye [L, R]. You can rearranging the clements of the array! GOAL: to obtain the MAX Son of all queries!

