

## Intuition

1. solution is possible only when the number of indices at which bits are different are even
2. It's not always optimal to pick adjacent different bits to flip why?  
eg: 0,5,6, 8 -> these are the indices at which bits are different  
 $x=2$   
for this its optimal to flip (0 , 8) with cost  $x$  ans (5,6) will require cost 1 only  
so optimal answer would be 3.

## Complexity

- Time complexity:  $O(n*k)$
- where  $k$  is count of indices at which bits are different
- Space complexity:  $O(n*k)$