Graphical user interface, text, application

Description automatically generated

My Idea (1) :

(1)  
The elementary entry : 1st and 2nd would always be 0 and 1 correspondingly

(2)  
By Flipping with respect to middle of the array, 1 would become 0 and 0 would become 1

(3)  
By continuous Flipping, every entry would be reduced to 1st or 2nd

Therefore, by looking at how many times it flip to elementary entry and what kind of elementary entry it return to, we can have the entry number