

For N =4 Create an array of len (4 )

so arr = [ \_ , \_ , \_ , \_ ] and

our cur empty position is at 0th index

We will Insert from 1 to 4 Iteratively :

For 1 we will skip 1 empty position from cur\_empty

We get that cur\_idx =1 after we skipped 1 empty position so put 1 at index 1

arr =[ \_ 1 , \_ , \_ ]

For 2 we will skip 2 empty position from cur\_empt which is 1 so we get new cur\_idx =0 after skipping 2 positions

arr= [ 2,1,\_,\_ ]

For 3 skip 3 position that are empty from cur\_idx and we get cur\_idx =3 .

arr=[2,1,\_,3]

Similarly fill 4