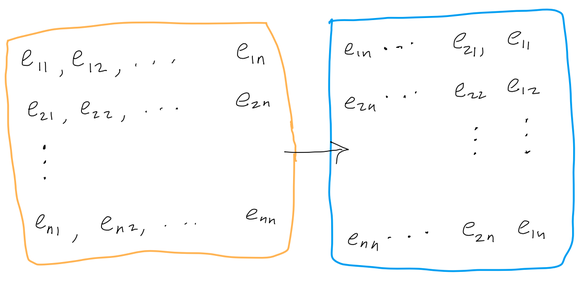
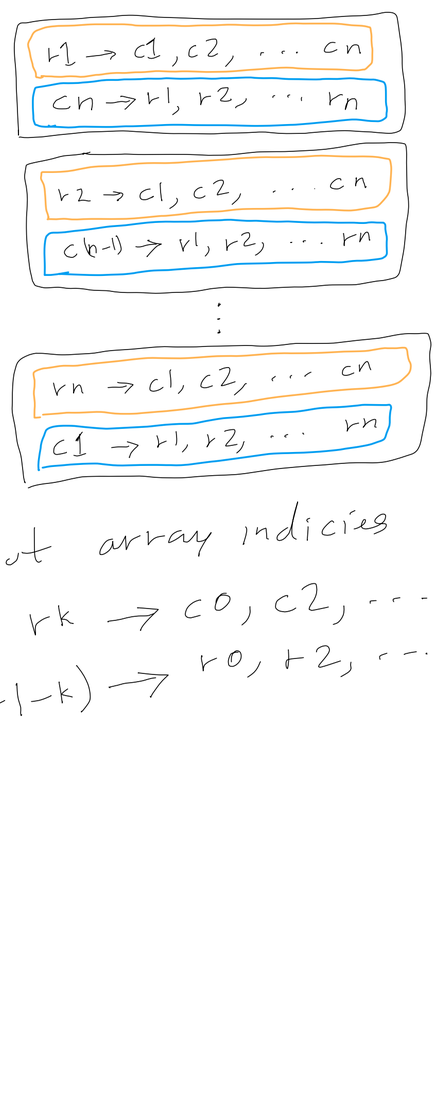
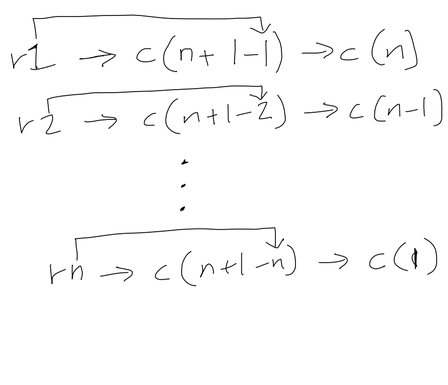
e_{rc} row = column

row ← outer array index
column ← inner array index







but array indicies start from 0, so:

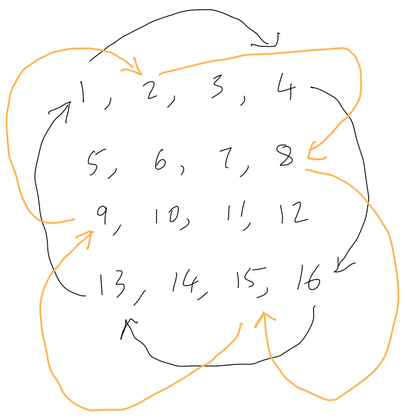
rk → c0, c2, ... c(n-1)
c(n-1-k) → r0, r2, ... r(n-1)

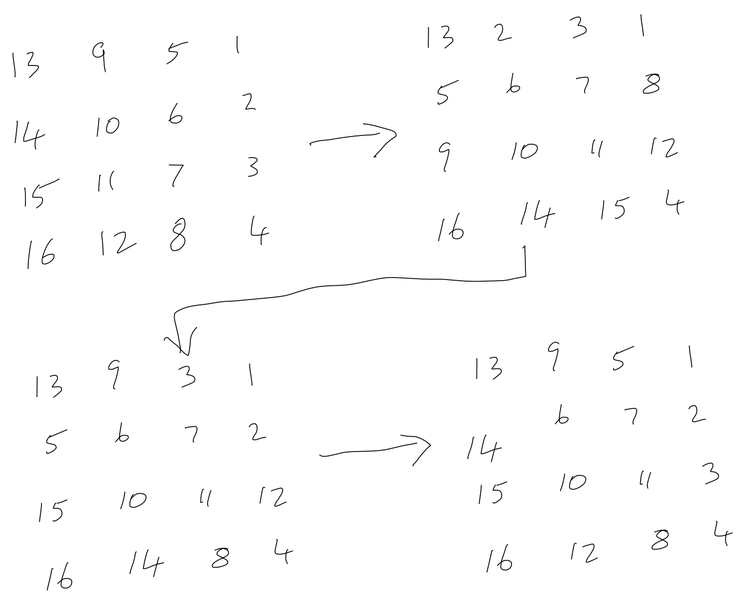
check.

r0	c(n-1)
r1	c(n-2)
⋮	⋮
r(n-1)	c(0)

$i_{x,y} \rightarrow o_{y,(n-1-x)}$

$i_{0,0} \rightarrow b_{0,4-1-0} = b_{0,3}$
$i_{0,3} \rightarrow b_{3,4-1-0} = b_{3,3}$
$i_{3,3} \rightarrow b_{3,4-1-3} = b_{3,0}$
$i_{3,0} \rightarrow b_{0,4-1-3} = b_{0,0}$





10 6
11 7

r = 1 to rmax, step = 1

$r_{max} = \begin{cases} (len-1)/2, & \text{if len is odd} \\ len/2, & \text{if len is even} \end{cases}$

r starts from 1

r = 0 to rmax, step = 1

$r_{max} = \begin{cases} (len-1)/2 - 1, & \text{if len is odd} \\ len/2 - 1, & \text{if len is even} \end{cases}$

r starts from 0

c = cmin to cmax, step = 1, where:

cmin = len * r + r
current Square Length = len − r * 2
cmax = cmin + current Square Length − 2

row = 1
colMin = 1, colMax = 1
elr = 1
elc = 1
e2r =
e2c =