Class 10

Friday, February 5, 2021 10:10 PM

$n=3$

$k=8$

1 2 2 3 4 4 5 6 6 7 8 8 9 10 10 11

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16

$[1 \sim n] \to 3$

$[1 \sim n] \to k$

$\left\lfloor \frac{n}{3} \right\rfloor$

$\lfloor n/k \rfloor$ → k দ্বারা বিভাজ্য

$n - \left\lfloor \frac{n}{k} \right\rfloor$ → k দ্বারা অবিভাজ্য

$12 - \left\lfloor \frac{12}{3} \right\rfloor = 12 - 4 = 8$

$16 - \left\lfloor \frac{16}{3} \right\rfloor = 16 - 5 = 11$

4 → 5

5 5 5

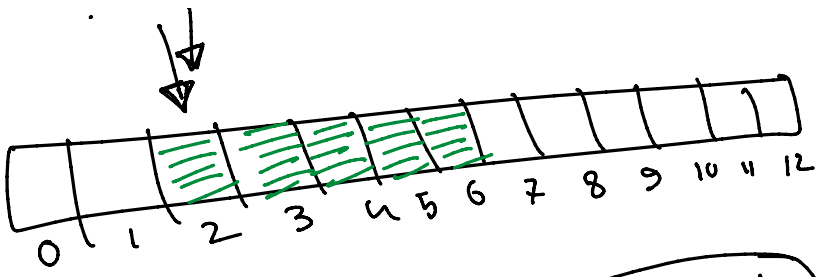
11 12 13 14

Y Y Y N N N N N N N

$L + \frac{R-L}{2} = \frac{2L+R-L}{2} = \frac{L+R}{2}$

$L + \frac{R-L+1}{2} = \frac{2L+R-L+1}{2} = \frac{L+R+1}{2}$

$M = \frac{L+R}{2}$



$L \le R$

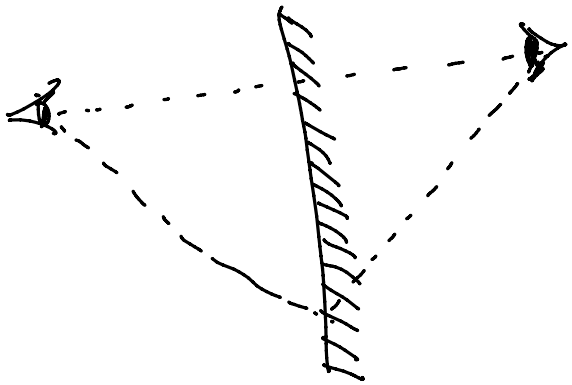
$L < R$

$L = M + 1$

$L = M$

$R = M$

$R = M - 1$



12 23 23 23 56 67

—o—

$n = 4$

1 2 3 3 4 5 6 6 7 8 9 9 10 11 12 12 13 14 15 15

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, ...

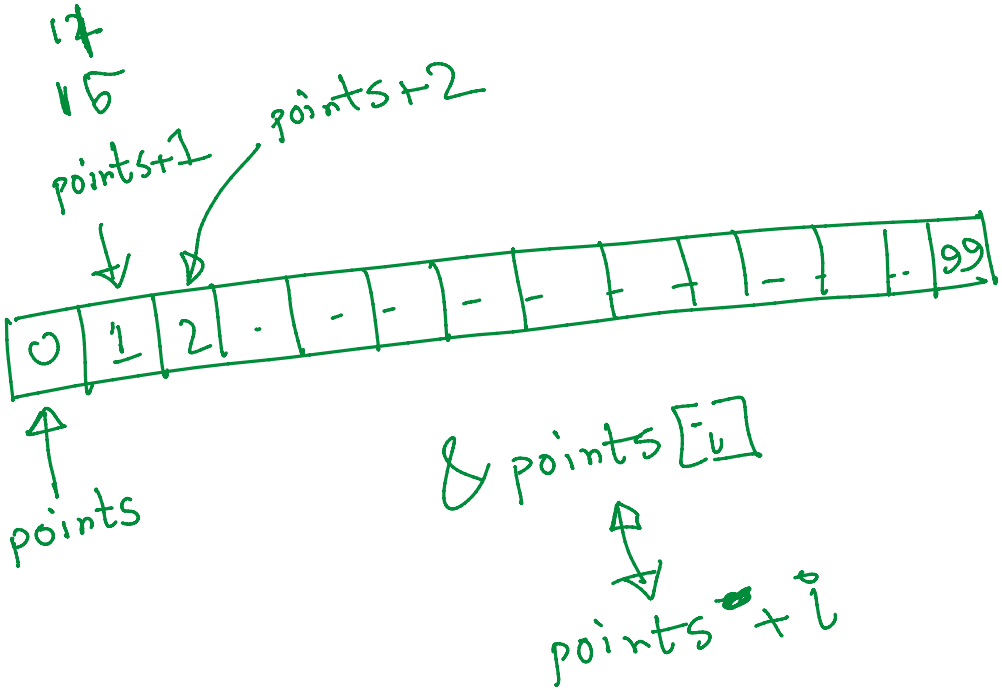
$n - 1$

$a + \frac{b}{c}$

3

7

$k = 12$


17
16
points+1
points+2
0
1
2
99
points
&points[i]
points+i