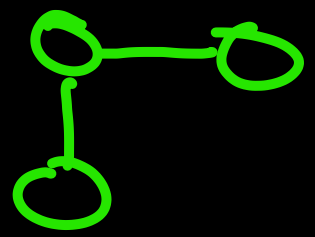
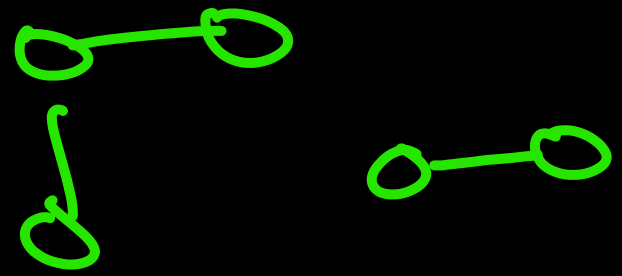
Jan 1

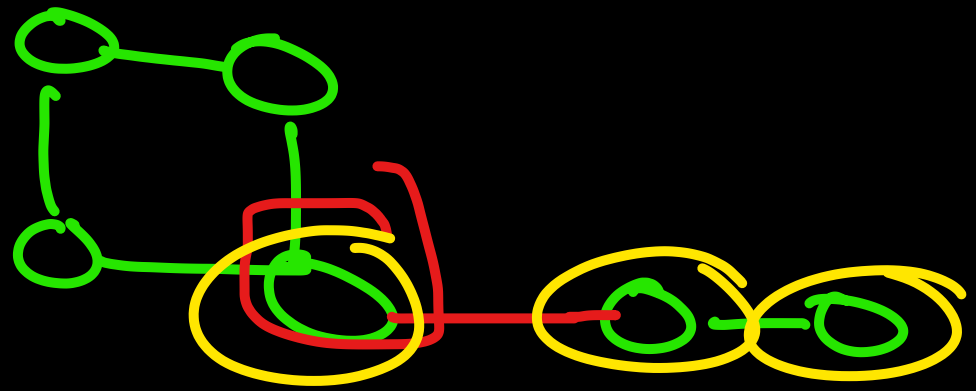


Jan 2



Jan 3

Jan 4



$i=1$ $i=2$ $i=3$ $i=4$ $i=5$ $i=6$ $i=7$

1 | 2 | 2 | 3 | 3 | 4 | 4

$$N + 1 - \frac{i}{2} = N + \frac{2-i}{2} = \frac{2N+2-i}{2}$$

$N = 6$

Length of area - i for add i =

$$3 = \{1, 2\}, \{3\}, \{3\}$$

$1 - 2$

$f(1,2) = 1$

$f(1,3) = 2$

untuk $f(1,3,3,7,\ldots,)$ =

$f(L,R)$ = area ganjil dari $L \to R$

area ganjil

1, 2, 3, 4, 5, ..., R

1 3 5 7, 9, ..., R

$R \to$ ganjil $\quad \Delta_R = \frac{R+1}{2}$

fungsi odd $L \ldots R$ =

$\cancel{1+2+3}+4+5+\ldots+n = \frac{n\times(n+1)}{2}$

from u_3

(3, N) $\quad 3+4+5+\ldots+n = \frac{n\times(n+1)}{2} - 3$

(4, N) $\quad 4+5+\ldots+n = \frac{n\times(n+1)}{2} - 6$

(5, N) $\quad \cancel{5}+\ldots+n = \frac{n\times(n+1)}{2} - 10$

$+3 \to 2\times\frac{(2+2)}{2}$

$+4 \to 3\times\frac{(3+1)}{2}$

$\to 4\times\frac{(4+1)}{2}$ =

$f(L, R)$

$L \le i \le R \rightarrow$

i odd $\rightarrow$ $Sum_{odd} = \frac{R \times (R+1)}{2} - \frac{(L-1) \times (L-1+1)}{2}$

$= R \times (R+1) - (L-1) \times L$ / 2

area genap

$2 + 3 + 4 + 5 + 6 + \ldots + R =$

$f(L, R) = \left(\frac{R \times (R+1)}{2} - 2 \right) - \left(\frac{L \times (L+1)}{2} - 2 \right)$

$F(L, R)$

2

2 ganjil, R ganjil → $F_{odd}(L, R) + F_{even}(L+1, R-1)$

L genap, R genap → $F_{even}(L, R) + F_{odd}(L+1, R-1)$

2 1, 2, R ?

L ganjil, R genap → $F_{odd}(L, R-1) +$

L genap, R ganjil → $F_{even}(L+1, R)$
$F_{odd}(L+1, R) +$
$F_{even}(L, R-1)$

L, R

Pre compute