30, 2019

30. Unehhwork (slort, 0, 10)

↳ Binser

Binary search

↳ Perrechion

| 1 | 2 | 3 | 4 | 5 | 6 |

↑ (klut) ↑ (left) ↑ (-right)

Slart [4] = 6

Cen = 4

5 12 10 14 [13] (18) 26 24 33 35 44

↑ ↑ ↑ ↑ ↑

(lst : ;) nsh

Index: posal dari 1

hdy 1 2 3 4

Ctt , dari 0

0 1 2 3

32. 2019

arr = [8, 1, 6, 3, 4, 15]

$4, 1, 4_2 1_i$

ddarr [1, 8, 8, (48) 144, 576, 576×15]

arr [3] / darr [1]

48 / 8 = 6

ddarr [6] / adarr [3] = $\dfrac{576 \times 15}{48}$ = $\dfrac{3 \times 4 \times 15}{}$

= 180

$1 \to 5$

$a < a + b$

$1 + l + g + l + g + g$

$a + b^x = 46$

Seru (os.h $(15, 9, 2000)$

$\hookrightarrow 15 + 9 \cdot 2000$

$\hookrightarrow 2a - b$

$15 + 9 \times 2000 - 9$

$= 18006$

$i \overset{\uparrow}{3}$

$J = 1 \to J = i$

$i \% J = 0$

$\begin{bmatrix} i \text{ hoбы } dbuy; J \\ kercil ++ \end{bmatrix}$

$J + t$

$\to$ Bonyok fuktor i

Kecil = banyak faktor
Prima

Prndv = Banyak prima dari 2 → 100
= 25

80/3 = 26

2018 % 100 = 18

2018 + 2 = 2020

2020 + 2020 = 4040

$n = 6279 2912$

$6 \times 2 \times 7 \times 9 \times 2 \times 9 \times 1 + 2$
$42 \times 81 \times 8 = 27736$

42
81
——— x
82
330
——————— +
33042
8
——————— x
27896

37, 2017

x	f(x)
0	0
1	1
2	0
3	1
4	0
5	1
⋮	⋮

gonji7 = 1
yleny = 0

1 → 2017 yany ganji

$= \frac{2017}{2} + 1 =$

38, 2017

a ≠ b, 0 ≤ 2017
  m = (a+b)/2
  a < h
  m > b

0, 8 → h = 4
0, 4 → h ~ 2
0, 2 → h = 1
0, 1 → h = 0
┌─────────────────┐
│ 1, 2 → h = 1   │
│ 1, 2 → h = -1   │
└─────────────────┘
  1, 2   a1
     ⋮
     ⋮

Q, n=1

1, 6
2, 36+5 %23 = 18
3. 7
4. 8
5 0

$i = 1 \rightarrow n$
$e + = i$

sum (1, n)

$1+2+3+4+5+6+7+8+9+10 = 55$

$1+2+3+ \cdots + 998 + 999 + 1000$

(1000 begins
arithatic

$$(1+1000) \cdot \frac{1000}{2} = 1001 \cdot 500 = 500500$$

Cu4, 2016

$n = 20, \quad r = 2$

$i = 1, \quad j = 1, \quad d = r^0$

$c = \text{sun}(r^0)$

$i = 1, \quad d = 2$
$i = 2, \quad d = 4$
$i = 3, \quad d = 8 \cdots \quad i = 20, \quad d = 2^{20}$

$\underline{2^1 + 2^2 + 2^3 + \cdots + 2^{20}}$

$\sum_{i=0}^{i=n} 2^i = 2^{n+1} - 1$
$\quad 2^0 = 1$

$\sum_{i=1}^{20} = 2^{21} - 2$