

~~concluded~~
 only $A \sqcap C_n$

$(?)$?
 $(?)$:

BBB

$n,$

$A_1 A_1 C_n C_n$

$B_1 B_1 D_n D_n$

$n+1$

$A_2 A_2 C_{n+1} C_{n+1}$

$B_2 B_2 D_{n+1} D_{n+1}$

$B_1 B_1 D_n D_n$

$F_n F_n F_{nn} F_{nn}$

$D_n D_{n+1} C_n F_{nn}$

$D_n C_n F_{nn} F_n$

$B_2 D_{n+1}$
target

foil

$A A A A C_{n+1}$

$A_2 A_2 C_{n+1} C_{n+1}$

$D_n D_{n+1} D_{n+1}$

$B_2 B_2 D_{n+1} D_{n+1}$

$B_2 B_2 D_{n+1} D_{n+1}$

$D_n D_n C_n C_n F_{nn} F_{nn}$

$A B_1 C_n$

D_{n+1}

F_{n+1}

$A A A A A C_{n+1}$

$B_2 B_2 B_2 B_2 D_{n+1}$

$B_2 B_2 B_2 B_2 D_{n+1}$

Y_f

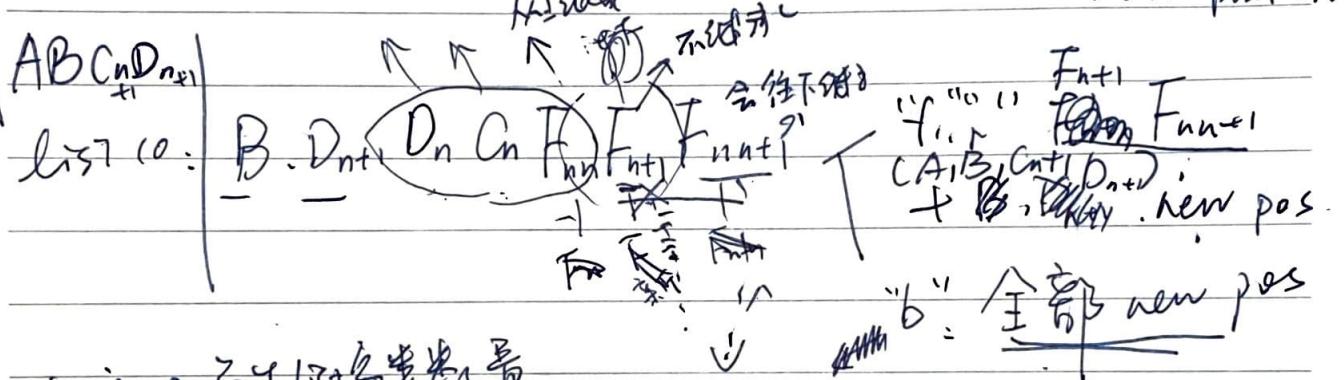
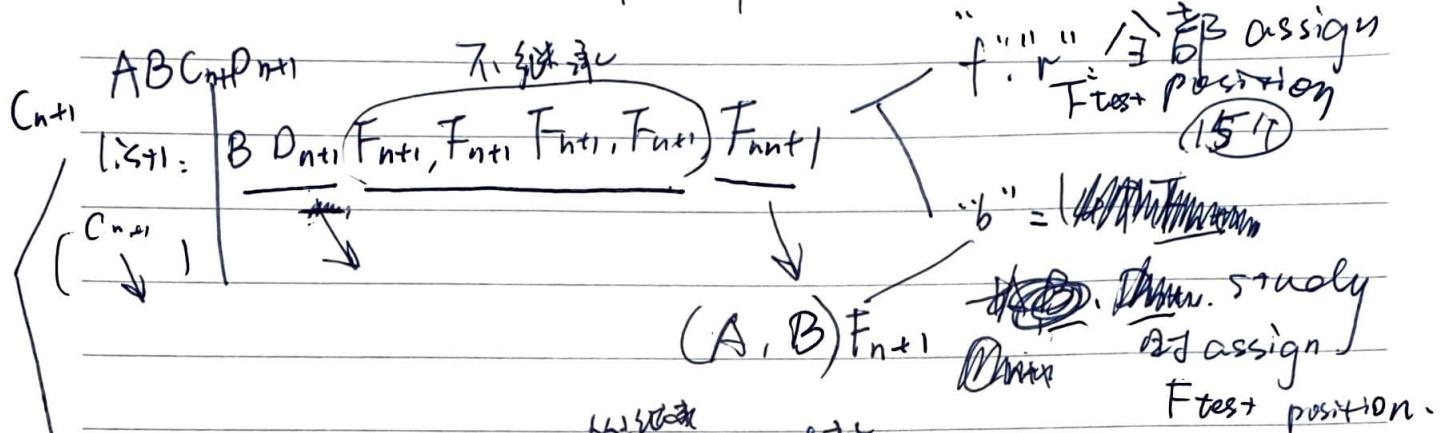
$F_n F_n F_n F_n F_{nn}$

W_{10+4}
 z_0

z_0
 z_0

$$\text{圖} \quad A = 12^{\circ} - [12, 12, \dots, 12] \\ B = 12^{\circ}$$

→ initial Structure: $F_n \leftarrow [12, 3, 3, \dots, 3]$



7. 緒論

$A = 4 \quad B = 4 \quad C_{n+1} = 1 \quad D_{n+1} = 1 \quad F_{n+1} = 4 \quad F_{n+1} = 1$

$f, r, \frac{1}{3} \text{ 赋值}$
 $b = \underline{\text{全部新位置}}$

$D_n \quad C_n \quad F_{nn} = 1 \quad A = 4 \quad B = 4 \quad C_{n+1} = 1 \quad D_{n+1} = 1 \quad F_{n+1} = 1 \quad F_{n+1} = 1$

$f, r, \frac{1}{3} \text{ 赋值}$
 $b = \underline{\text{全部新位置}}$

$D_n \quad C_n \quad F_{nn} = 1 \quad A = 4 \quad B = 4 \quad C_{n+1} = 1 \quad D_{n+1} = 1 \quad F_{n+1} = 1 \quad F_{n+1} = 1$

$f, r, \frac{1}{3} \text{ 赋值}$
 $b = \underline{\text{全部新位置}}$

$D_n \quad C_n \quad F_{nn} = 1 \quad A = 4 \quad B = 4 \quad C_{n+1} = 1 \quad D_{n+1} = 1 \quad F_{n+1} = 1 \quad F_{n+1} = 1$

如果要把所有东西放在一起 for loop 和 while 的实现:

A C_n B D_n

\vdots
A C_n B D_n

(+) C_{n+1}, B D_{n+1}

A C_{n+2} B D_{n+2}

B D_n F_n F_n F_n F_n F_n

B D_n — F_n F_n —

B D_{n+1} (D_n C_n) F_{n+1} F_{n+1} F_{n+1}

B D_{n+2} D_{n+1} (C_{n+1}) F_{n+2} F_{n+2} F_{n+2}

appear - test pos:

if study: C_{n+1} D_{n+1}. next find.

if test: D_{n+1}, F_{n+1}. next find.

if assign: T_{n+1} if current triad
if current triad

if assign: T_{n+1} if current triad
if current triad

A, 4x3x10
12x1x4

final position

* check if assignment fault - 2

$$15 \times 2$$

$$207 \times 2 = 414$$

$$207 \times 2 = 414$$

IP

0, 2, 4, 6, 8, 10
1, 3, 5, 7, 9

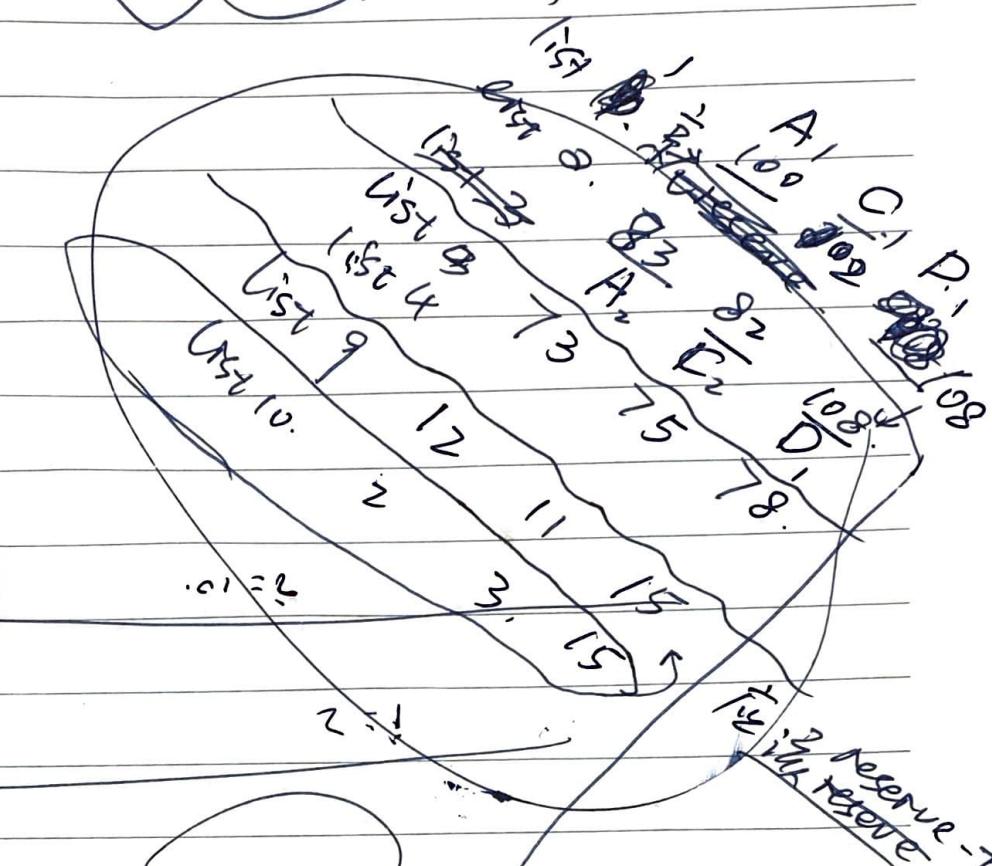
~~0, 2, 4, 6, 8, 10~~

158
 $\frac{158}{10} = 8$ X
list 10 · 7 = 9 ✓

$$2 = 2$$

~~0, 2, 4, 6, 8, 10~~

$252 + 9 = 341$ ✓
1 = 1



reserve

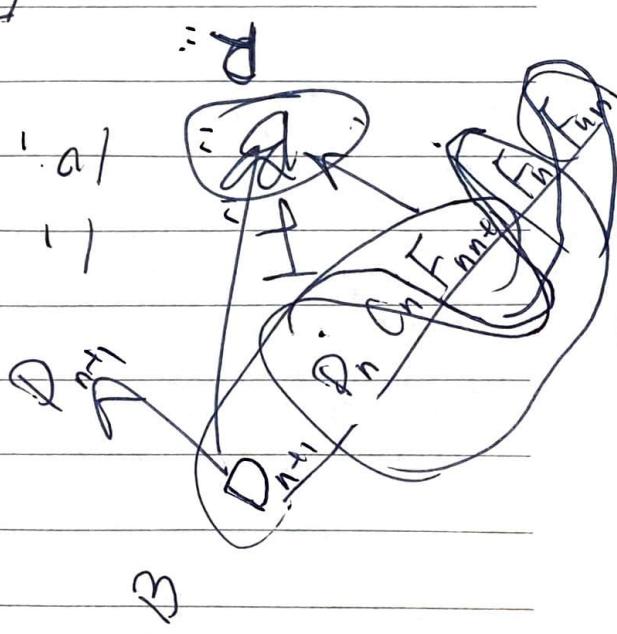
[5, 1, 2, 3, 4, 5, 6, 7, 8, 9]

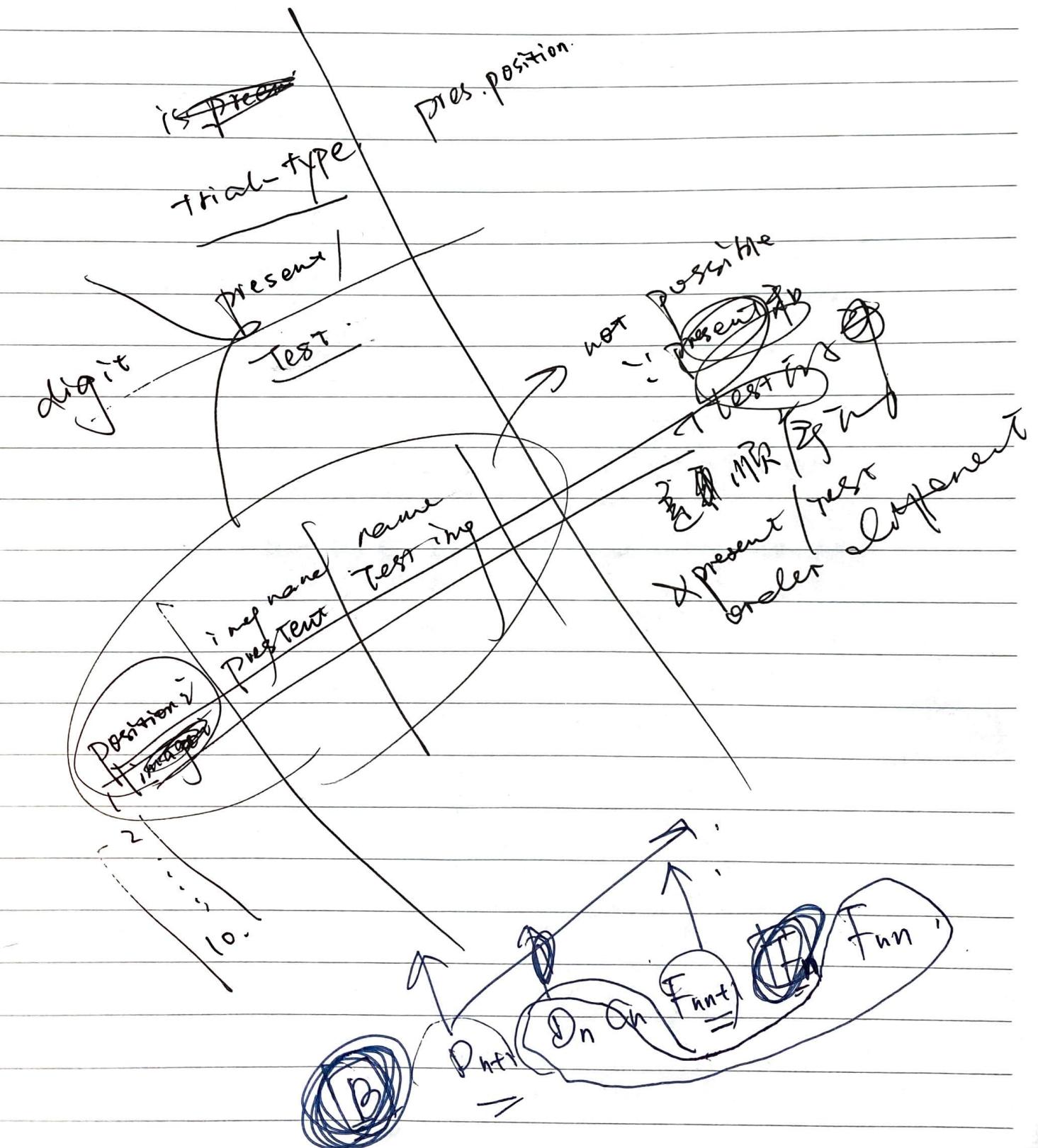
[5, 1, 2, 3, 4, 5, 6, 7, 8, 9]

j=1

i=

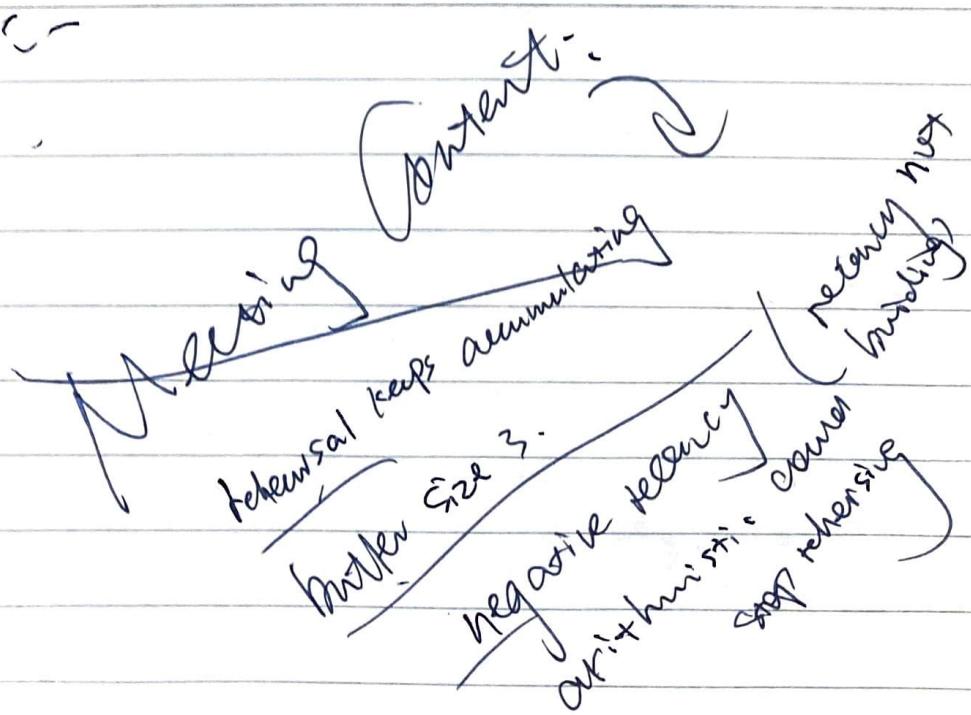
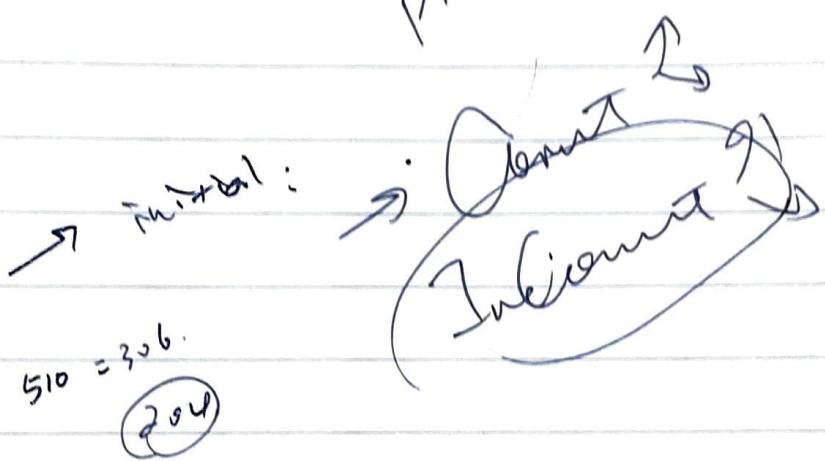
1, 2, 3, 4, 5, 6, 7, 8, 9





▷ Final feedback:

only seen if it has been
guessed or tested
previously but not more so



$A_n = 120 \times \frac{2}{3}$ []

splice (0, 120).

B:

$D_n = 30 \times \frac{2}{3}$ [~]

splice (0, 30)

12348

$$120 + 120 + 30 \times 4 + 9$$

item-id num
first tail

list n → 0

$$\cancel{\text{keep pos } (\cancel{x}, \text{pos} = \cancel{0})} \rightarrow 240 \\ \cancel{1} \cancel{2} \cancel{9} \\ 3 \cancel{6} \cancel{9} \times \frac{2}{3} = 2467$$

$$x = \text{next}, 157 \\ \text{final pos} \\ \rightarrow b = \text{last} / 157$$

keep pos

$$230 \\ 31 + 24 = 55$$

A, B

$\text{list}_0, 12348$
 $\text{list}_1, 12348$
 $\text{list}_2, 12348$

i_0, i_1, i_2
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$

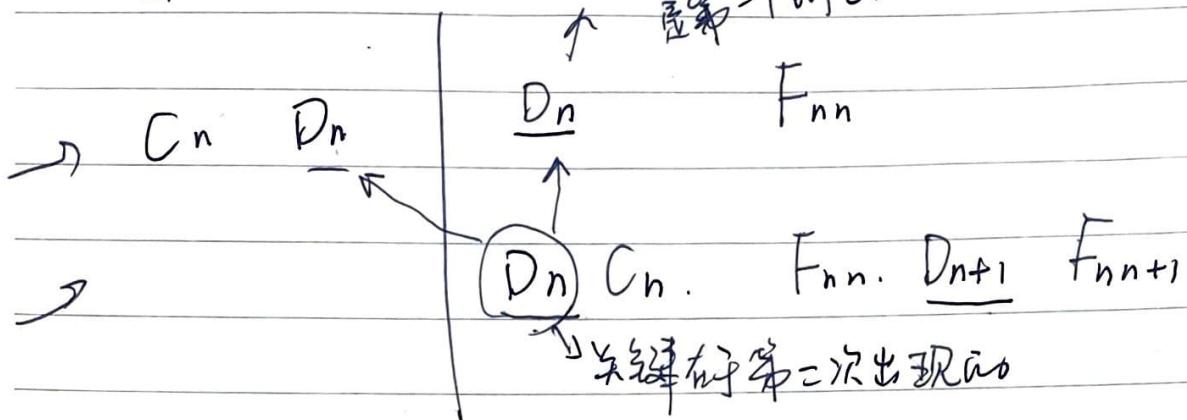
i_0, i_1, i_2
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$

i_0, i_1, i_2
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$

i_0, i_1, i_2
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$
 $\text{list}_0, \text{list}_1, \text{list}_2$

第 1 次 有重複的

當前 list-number
當前 題目重複的次數



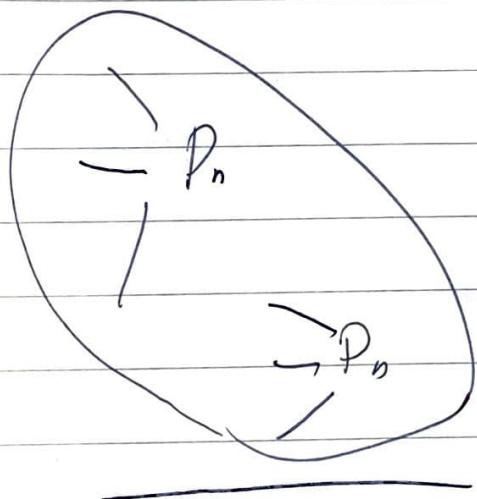
D_n : list i

[A B C D] 不會重複的
[E F G]

如果 D_n

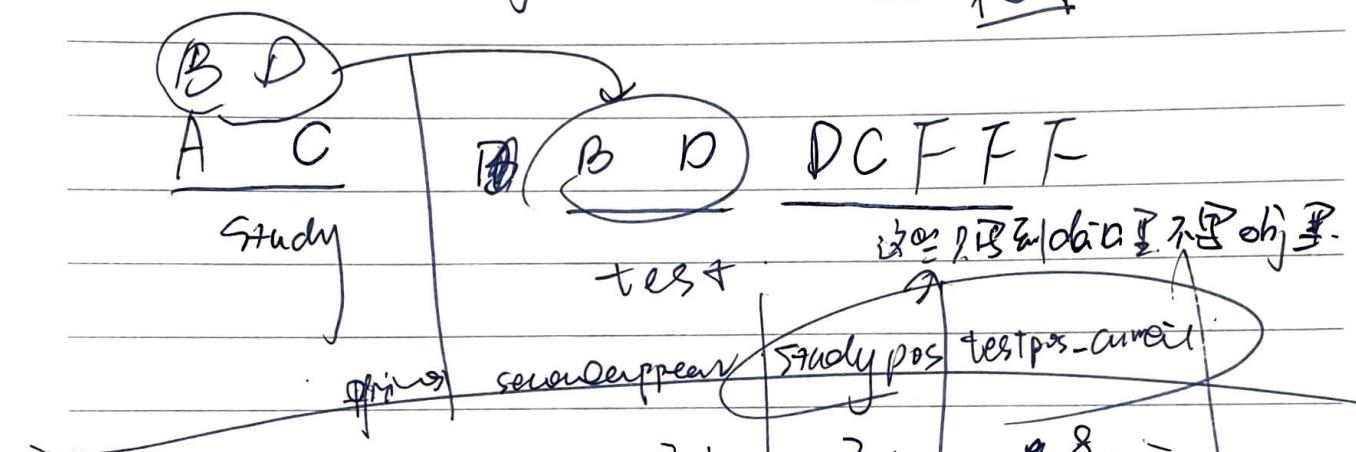
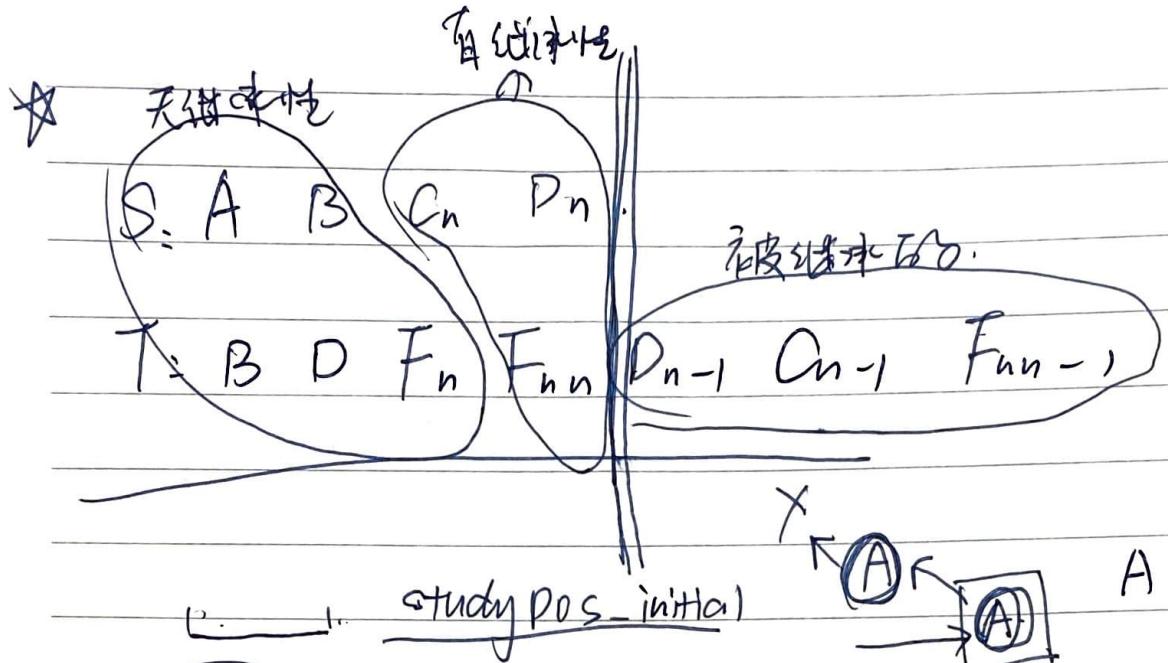
前 $D_n \rightarrow$ 1. repeat item
2. 且 \varnothing no prior pos

current ND. test/study
3. ✓ Study pos, test pos
4. next study pos, test pos ✓



後 $D_n \rightarrow$ 1. repeat item
2. has a prior P_{nd}
test or study

3.



Study (1st)

test A
test --

dist 2 Test A

A A

γ (γ \rightarrow) γ (γ \rightarrow) γ unclassified

冲 宜 ①

① A ~~is~~ \rightarrow two test position

7

figur
appear

A

A

B

B

Valid
only
when
repeated

Second

C

C

~~Candy - current~~

~~test - current~~

~~stretta next~~

~~first - next +~~

~~cautely- prior~~

~~test option~~

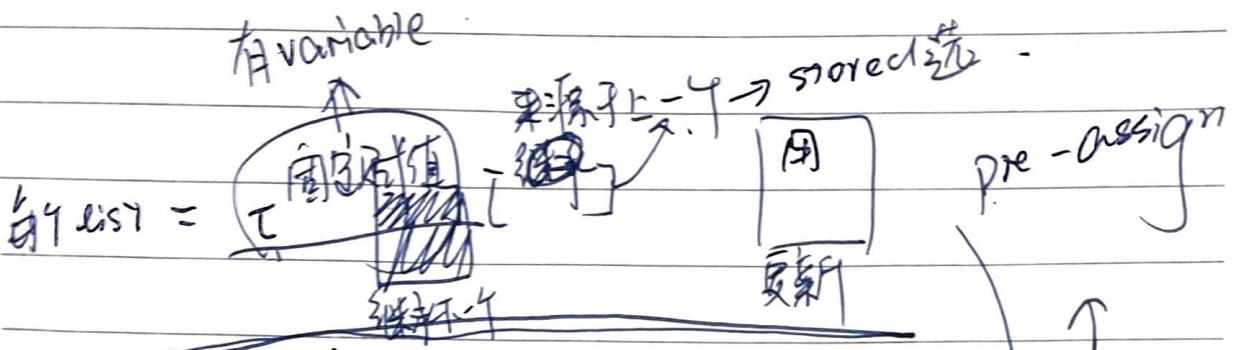
next

↓
A

11

~~2nd~~

A large, hand-drawn blue arrow points diagonally across the page, starting from the bottom left and ending near the top right. The arrow is filled with several handwritten letters, primarily 'A's, and some other scribbles.



其他情况与程序中:

i, 2,

~~i=0~~

Study Test
all tested. 全 test

Study test
all tested only
not last.

i=8

~~i=9~~

test
only not
last

1, 2, 3, 5

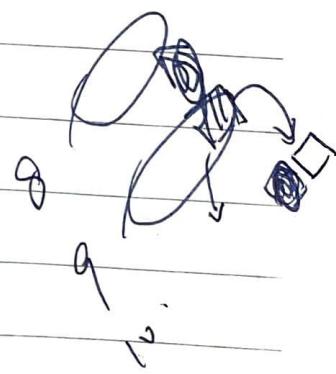


①

在 study / test

上面对应的 id 在 position

② store - "1467-413"
("1467-413" 被取用)



Final Test pos assignment

"b" =

→ list¹ (test)

B, D_{n+1} $\xrightarrow{\text{各自}} \text{study job}$

x₁ each.

D_n, C_n, F_{nn}, F_{nt+1} → new pos.

$$j = list + 1 - 9 \\ \begin{cases} 1 & j = list + 1 - 9 \\ 2 & j = list + 1 - 9 - 1 \end{cases} \\ x_2$$

F_{nn+1}

list 10 · new pos $\xrightarrow{\text{new}}$

new pos:

$$b = \begin{cases} list + 1 - 9 \\ list + 10 \end{cases}$$

A (C_{n+1}, D_{n+1} given)
same in graph

list 1 assign

F_{nn+1}, F_{nt+1} → new pos.

(test)

B, D_{n+1} $\xrightarrow{\text{各自}} \text{study}$

$$j = 2 - 10$$

D_n, C_n, F_{nn} → $\begin{cases} 1 & j = 2 - 10 \\ 2 & j = 2 - 10 - 1 \end{cases}$

$$j = 1, \text{ 亂数 } \leftarrow$$

Initial Structure

list 0

B, D_{n+1}

D_n, C_n

F_{nn+1}, F_{nt+1}

F_{nn}

list

first = B, D_{n+1}, F_{nn+1}, F_{nt+1}, F_{nn}

list¹

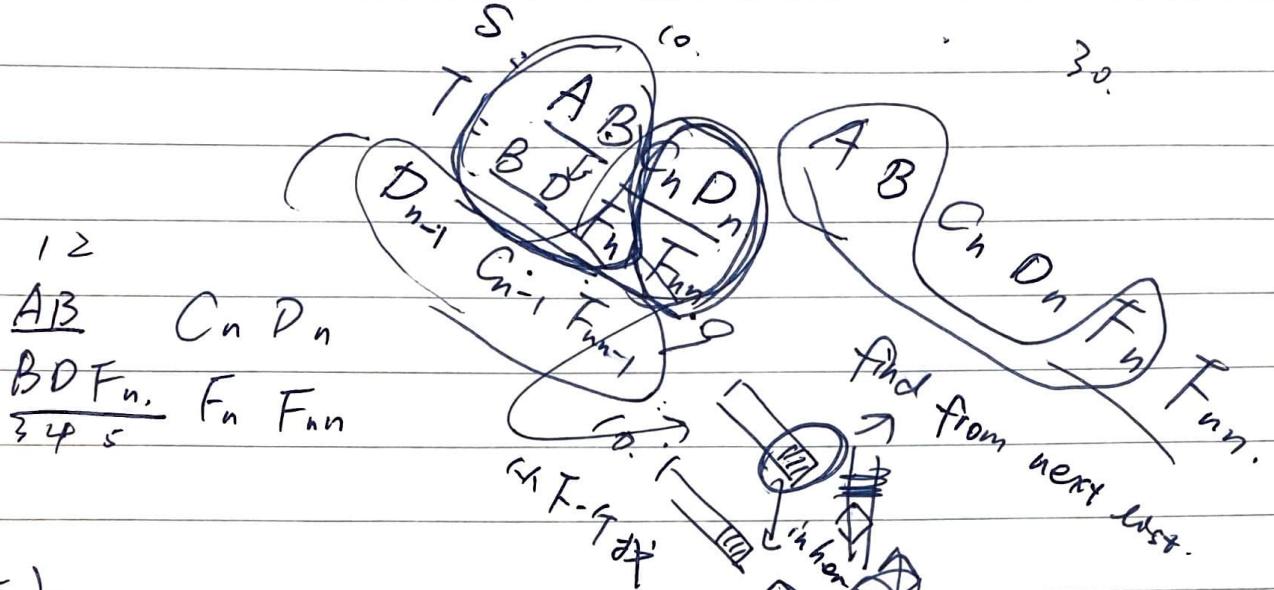
B, D_{n+1}

F_{nn+1}

F_{nt+1}

F_{nn}

Final Test showed X 2 whenever
new positions

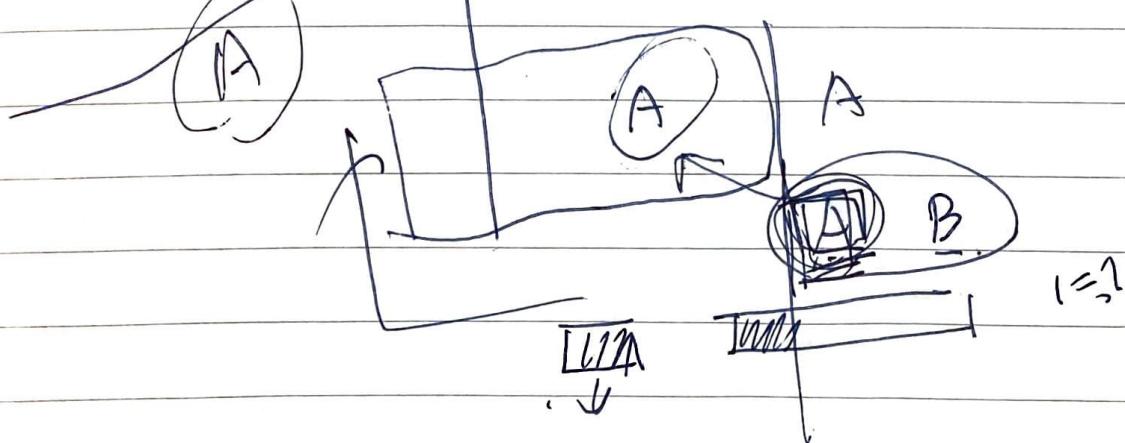
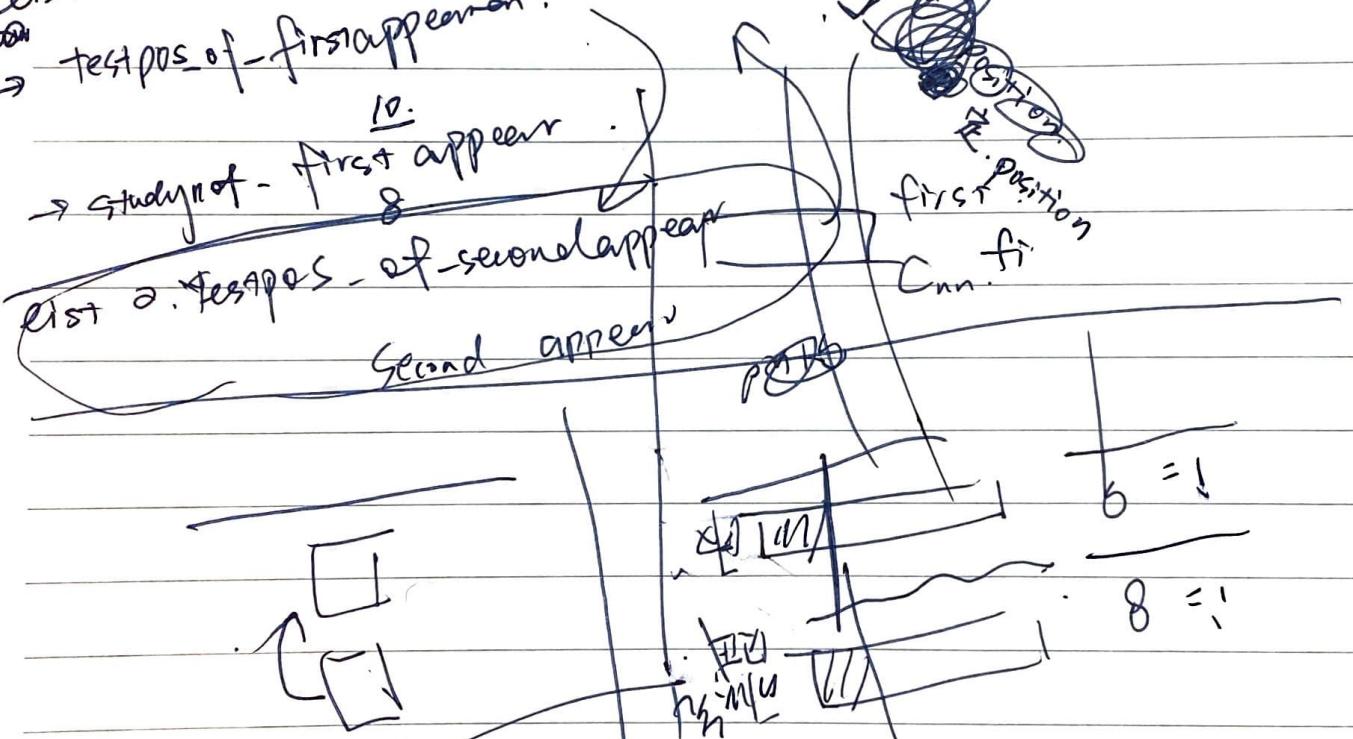


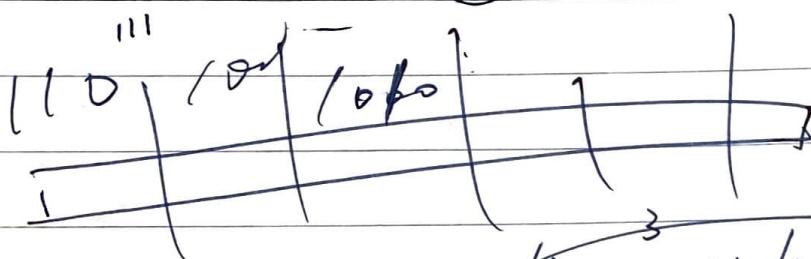
list 1
 → test pos. of - first appear.

→ study of - first appear

list 2. test pos. of - second appear

Second appear





$$\begin{array}{l}
 \text{110} \\
 \text{109} \\
 \text{108} \\
 \text{107} \\
 \text{106} \\
 \text{105}
 \end{array}
 \quad i=0. \quad i=1 \quad us = 4$$

$\alpha - 109$

$0 \times []$

$[0, 109]$

$$\begin{array}{l}
 \text{110} - 209 \\
 \text{109} \\
 \text{108} \\
 \text{107} \\
 \text{106} \\
 \text{105}
 \end{array}
 \quad i=1 \quad us = 3$$

$us = 4$

$$\begin{array}{l}
 \text{209} - 309 \\
 \text{109} \\
 \text{108} \\
 \text{107} \\
 \text{106} \\
 \text{105}
 \end{array}
 \quad [\quad] \quad us = 3$$

$109 + 120$

$+300$

15

$$15 \times 3 = 45$$

$$\begin{array}{l}
 \text{item in unit size} \\
 \text{10} + 5 = 15
 \end{array}
 \quad \frac{45}{3} \times 10 \times 2 = 900 \times \frac{2}{3} \\
 = 600$$

$$\begin{array}{l}
 \text{item in unit size} \\
 \text{10} + 5 = 15
 \end{array}
 \quad \frac{2}{3} \times 8 = 8$$

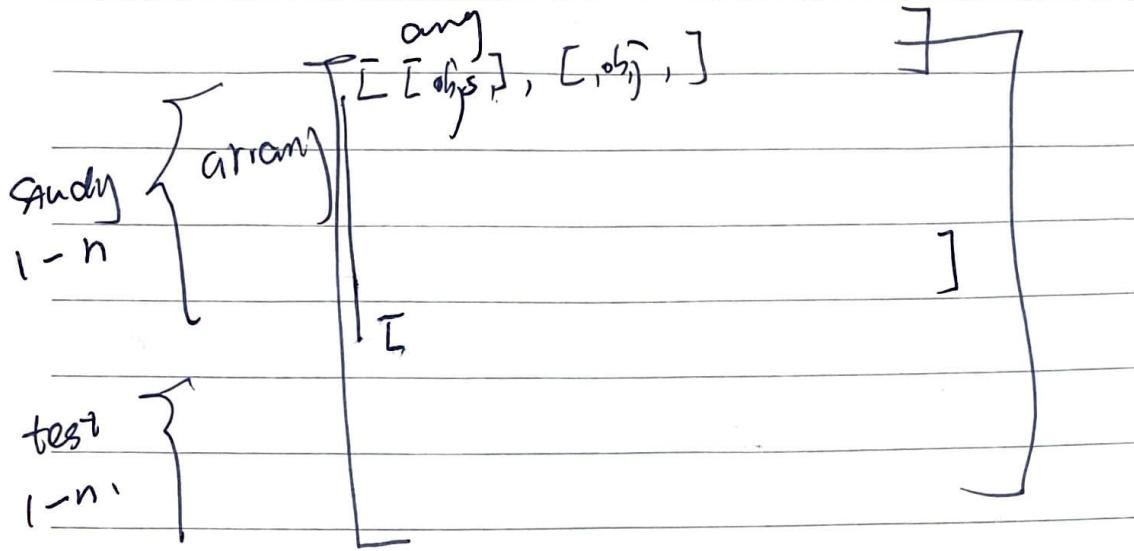
$$\begin{array}{l}
 \text{480} + 0 \\
 8 \times 3 \times 2 \times 10 + 0 \\
 = 8 \times 3 \times 2 \times 10 + 0
 \end{array}
 \quad \frac{2}{3} \times 4 = 4$$

$$\begin{array}{l}
 \frac{2}{3} \times 360 = 240 \\
 \frac{2}{3} \times 240 = 160 \\
 \frac{2}{3} \times 160 = 107 \frac{1}{3}
 \end{array}$$

$$\begin{array}{l}
 \frac{2}{3} \times 12 \times 3 \times 10 \times 2 = 12 \times 3 \times 10 \times 2 \times \frac{2}{3} \\
 = 36 \times 10 \times 2 \times \frac{2}{3} \\
 = 720 \times \frac{2}{3} = 480
 \end{array}$$

$$\begin{array}{l}
 = 480 + 0 \\
 = 480 + 0 \\
 = 480 + 0
 \end{array}$$

Total Test in Final T



1. Finer Test # (the condition of it).

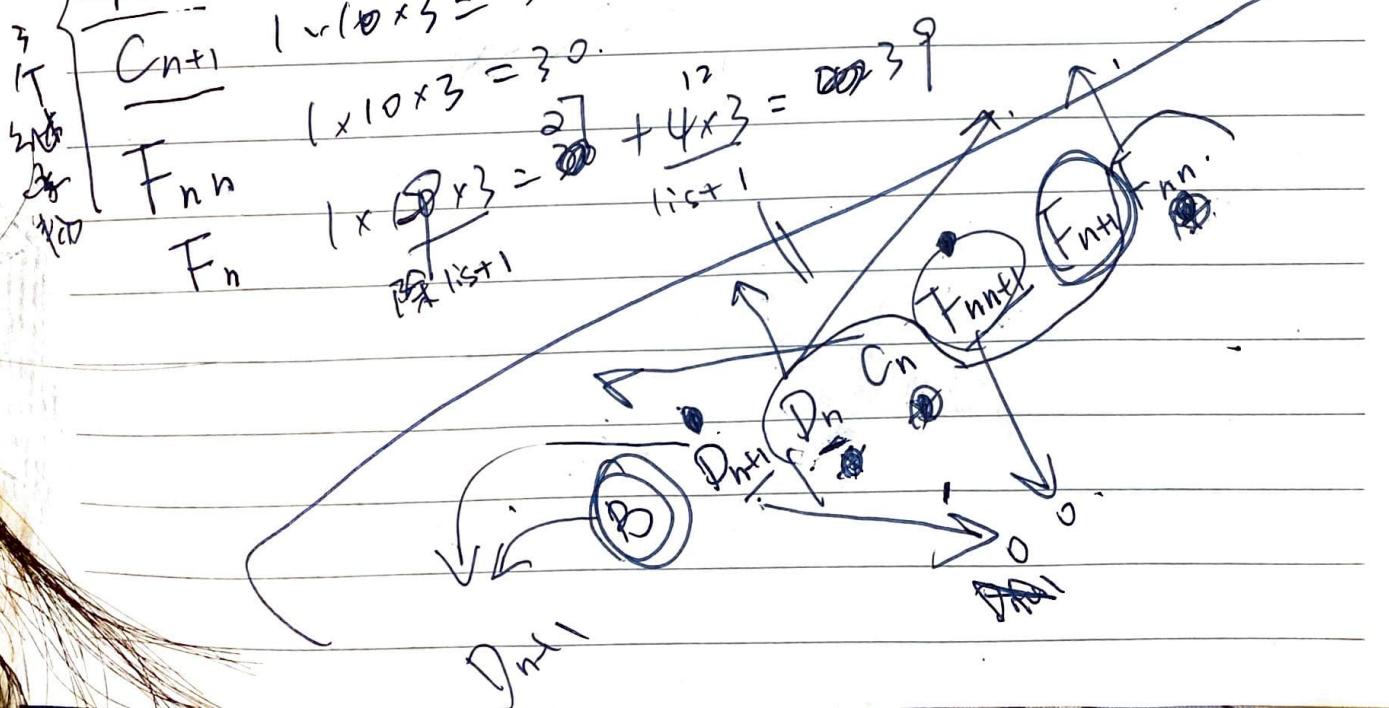
~~26~~
~~39~~

2. Q: ~~for~~ ~~for~~ map 能用 recursive 來寫嗎?

$$A: 4 \times 10 \text{ list} = 40 \text{ } T \times 3 = 120$$

$$B: 4 \times 10 \text{ list} = 40 \text{ } T \times 3 = 120$$

$$\begin{cases} P_{n+1} = 1 \times 10 \times 3 = 30 \\ C_{n+1} = 1 \times 10 \times 3 = 30 \end{cases}$$



绘声绘色
→ 情感 (emo)

情感验证

→ 目的性

[A A A Cn B]

]

Array

$\rightarrow \text{obj}$ 读类型

$F_{n+1} \cdot F_n \cdot A \cdot B \cdot C_{n+1} P_{n+1}$

F_{n+1}

④ 制定两个 ~~对这个取上一个值~~
 (F_n, D_n, C_n)

) 里面再取 object

for (

{
 rep.

array, 放进每行 (list 里面再取 object
of all (eliminated) kind).

④ ~~array of array~~ 不同类型的子数组
→ ~~array of array~~ - 1 dimension
→ ~~array of array~~ → subdimension
→ ~~array of array~~ → array
each

f_1

f_{n_1}

D_{n_1}

C_{n_1}

B

A

~~A~~

from each list

of new each list