

कोडिंग-डिकोडिंग

Coding-Decoding



Video
Board
pdf
Without
Annotation

Pattern
①

Logic
②

✓ Patterns Types in coding

Topic
↓
Concept & Basics
↓
Examples
↓
practice

Example

4 15 7
D O G
+2 +2 +2
11 17 19

कोडिंग डिकोडिंग में प्रकार

- ✓ Letter to Letter Coding / लैटर से लैटर की कोडिंग
- ✓ Letter to Number Coding / लैटर से नंबर की कोडिंग
- ✓ Letter to LSN
- ✓ Chinese Coding / चीनीज़ को डिंग
- ✓ Substitution Coding / प्रतिस्थापन कोडिंग
- ✓ Matrix coding



Patterns

Letter to Letter Coding

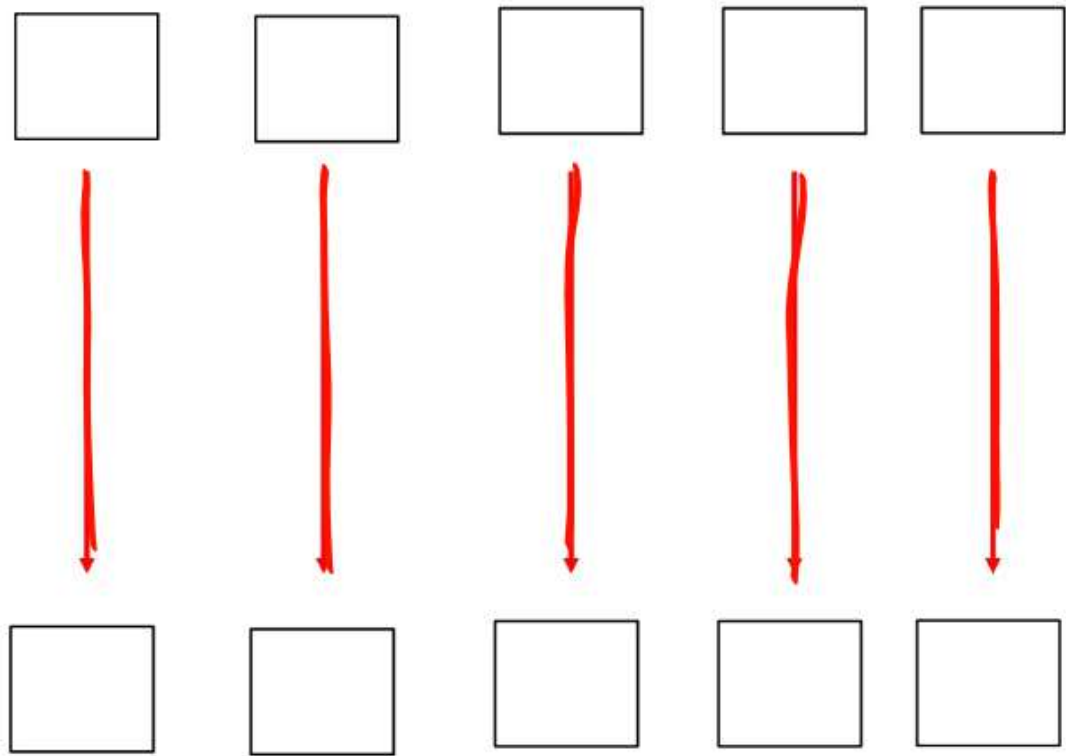
- ① First to First / पहले से पहले
- ② First to Last / पहले से आखिरी तक
- ③ Cross Coding / क्रॉस कोडिंग
- ④ Sectional Coding(MIX) / सेक्शनल कोडिंग

A B C D E F
G H I J K L M
N O P Q R S T
U V W X Y Z

First to First / पहले से पहले

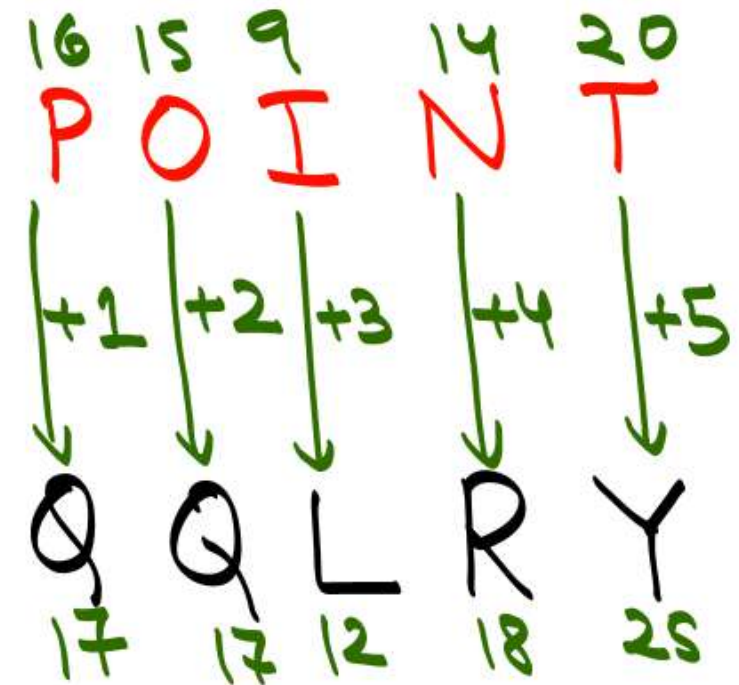


logic can directly Apply on given word or its opposite or its increasing / decreasing order.

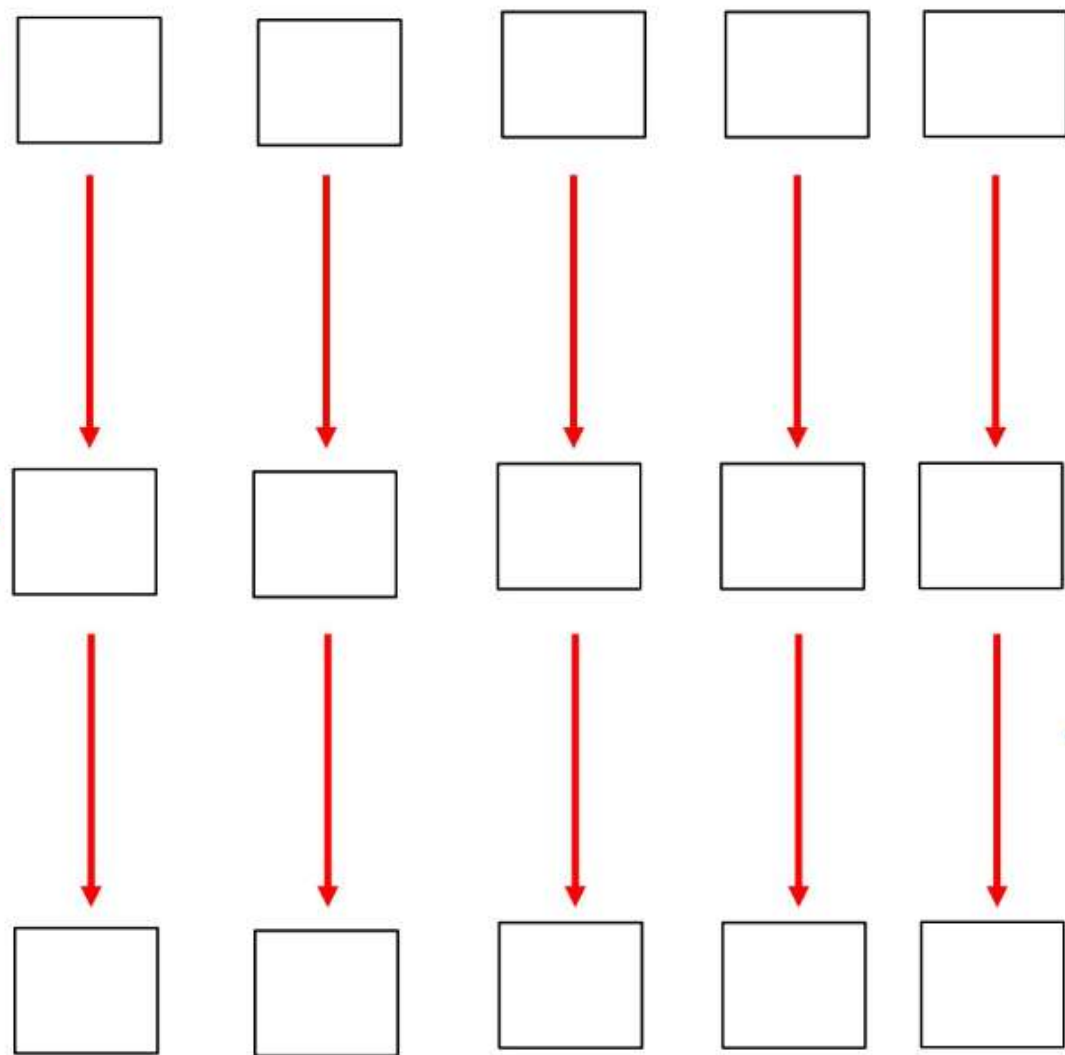


Ex.]

F to F
Series



(ii)



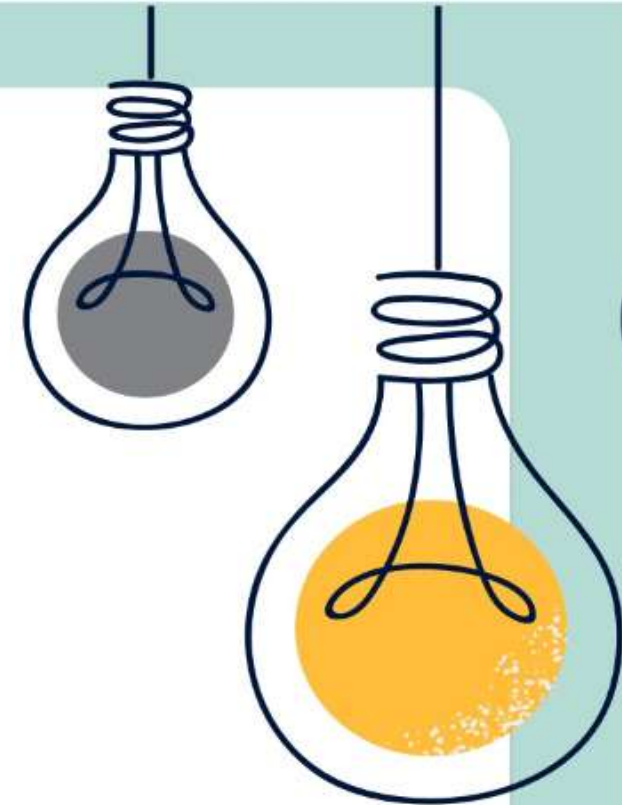
विपरीत
Opposities

Logics

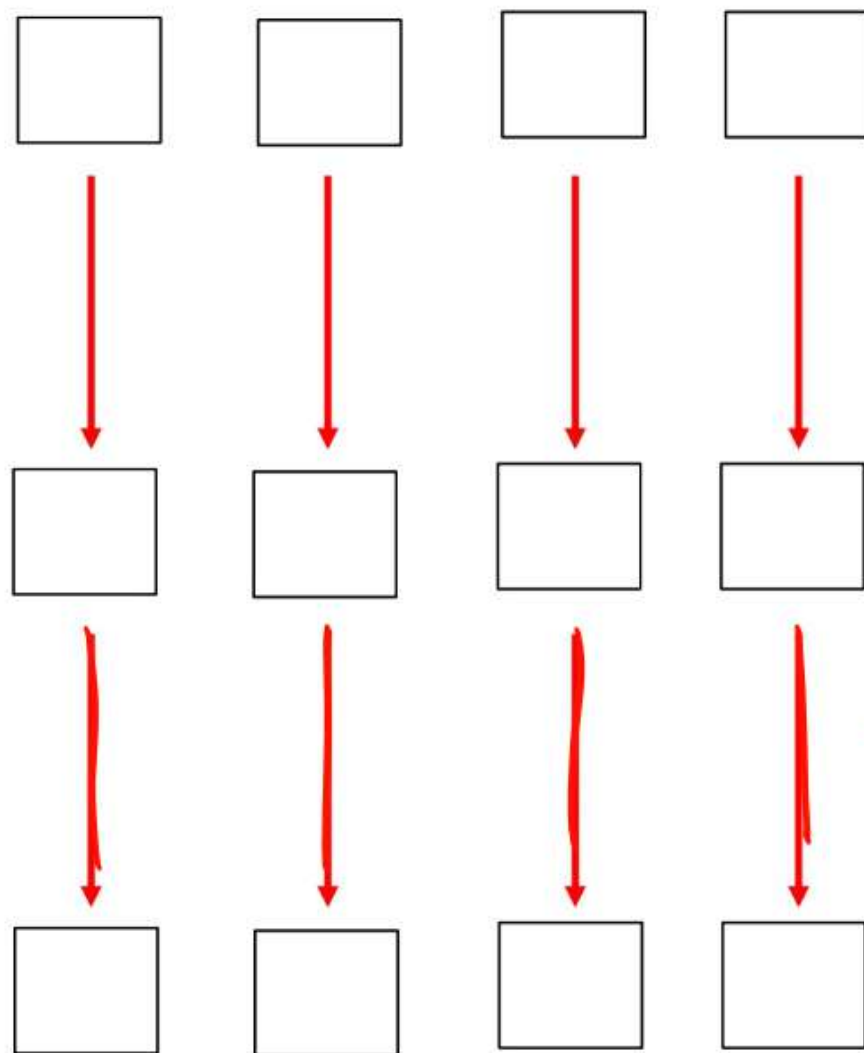
Ex.

विपरीत →

13	9	14	20
M	I	N	T
16	20	15	19
P	T	O	L
+2	+2	+2	+2
Z	R	M	G



(iii)

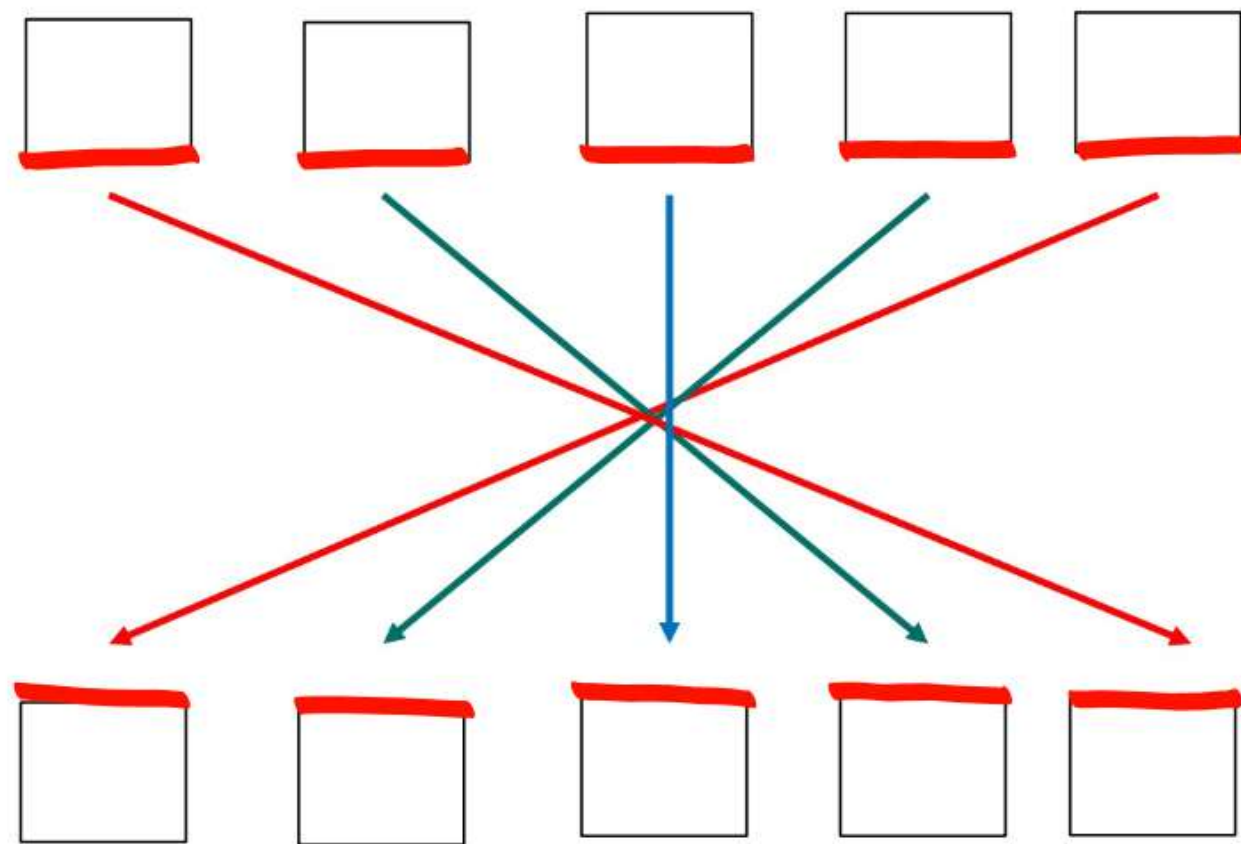


बढ़ते/घटते क्रम में
Increasing/decreasing

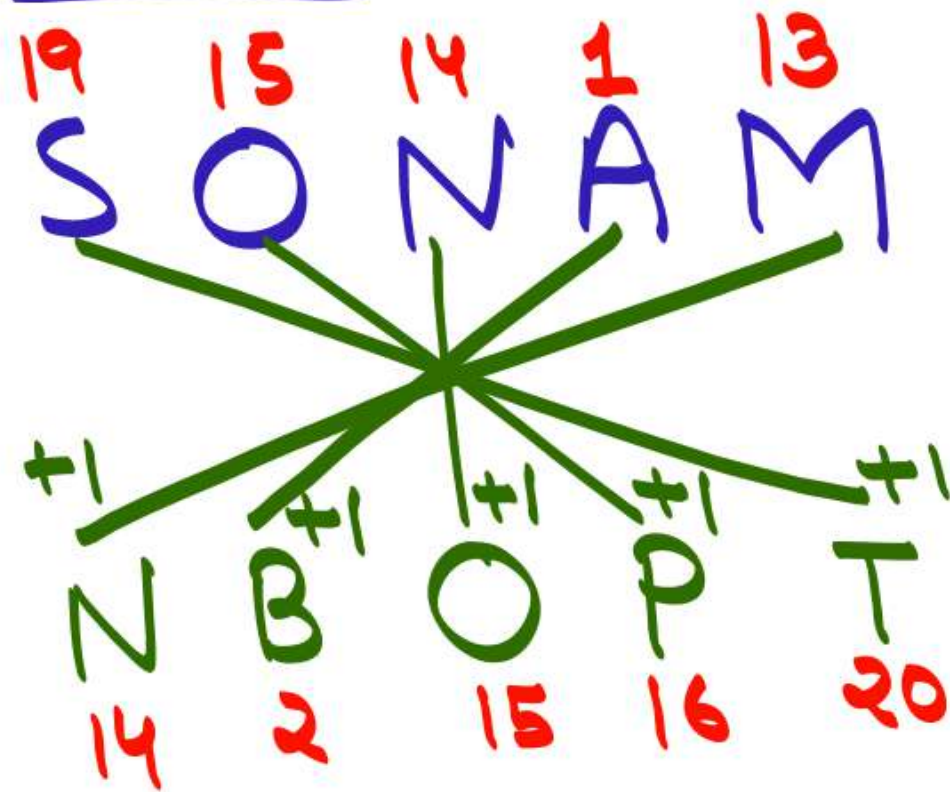
Logics

1 18 21 15 2
A R U O B
A B O R U
↓+1 ↓+1 ↓+1 ↓+1 ↓+1
B C P S V
2 3 16 19 22

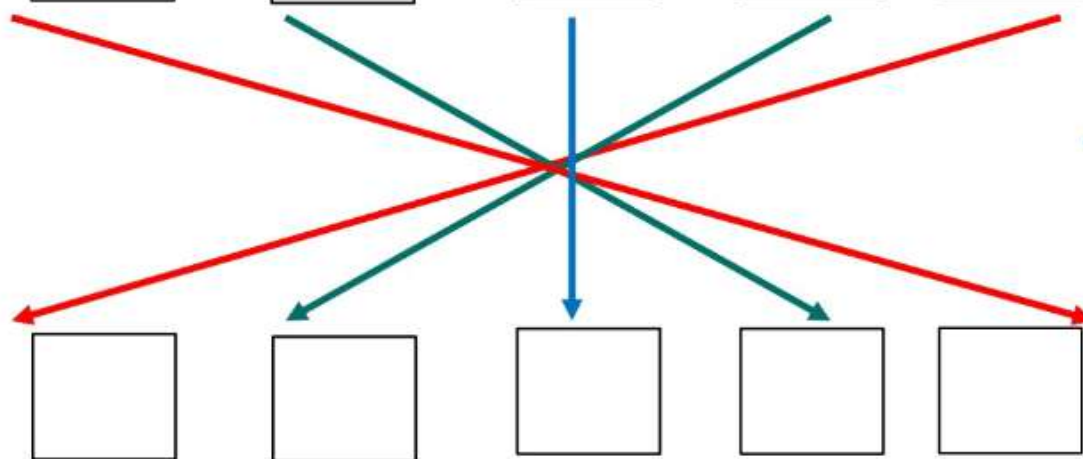
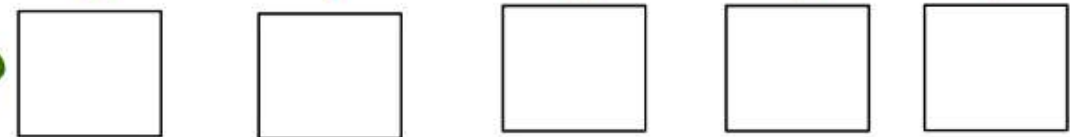
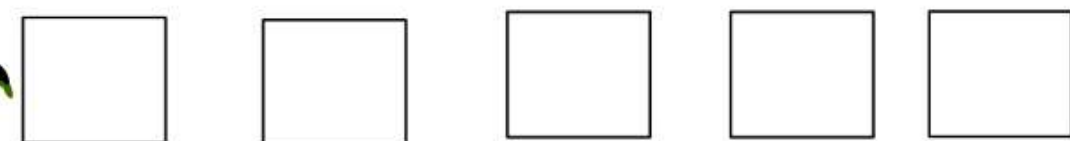
② First to Last / पहले से आखिरी



Example



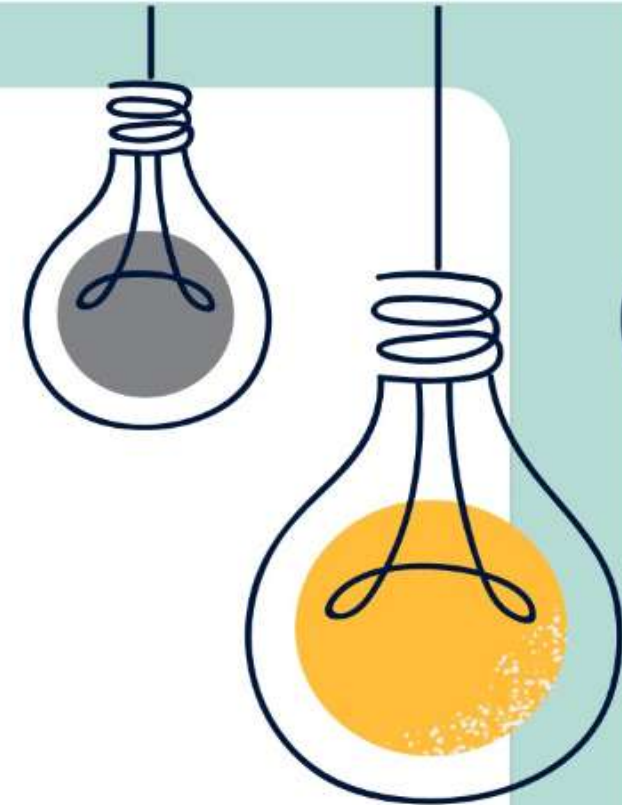
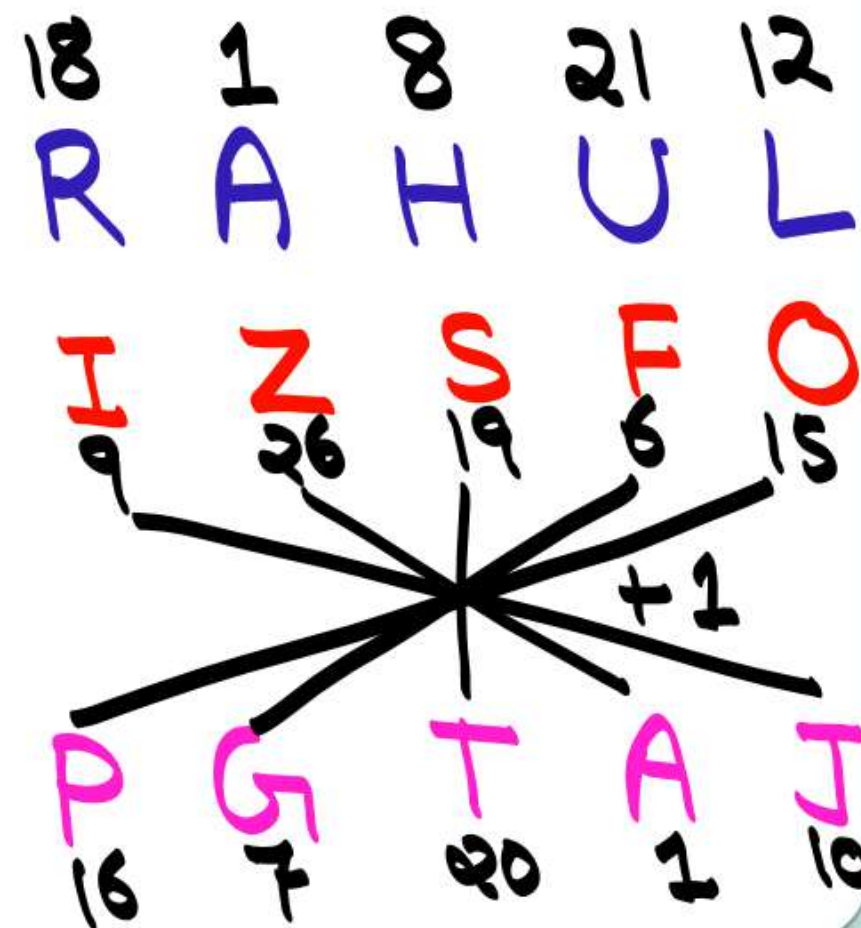
(ii)



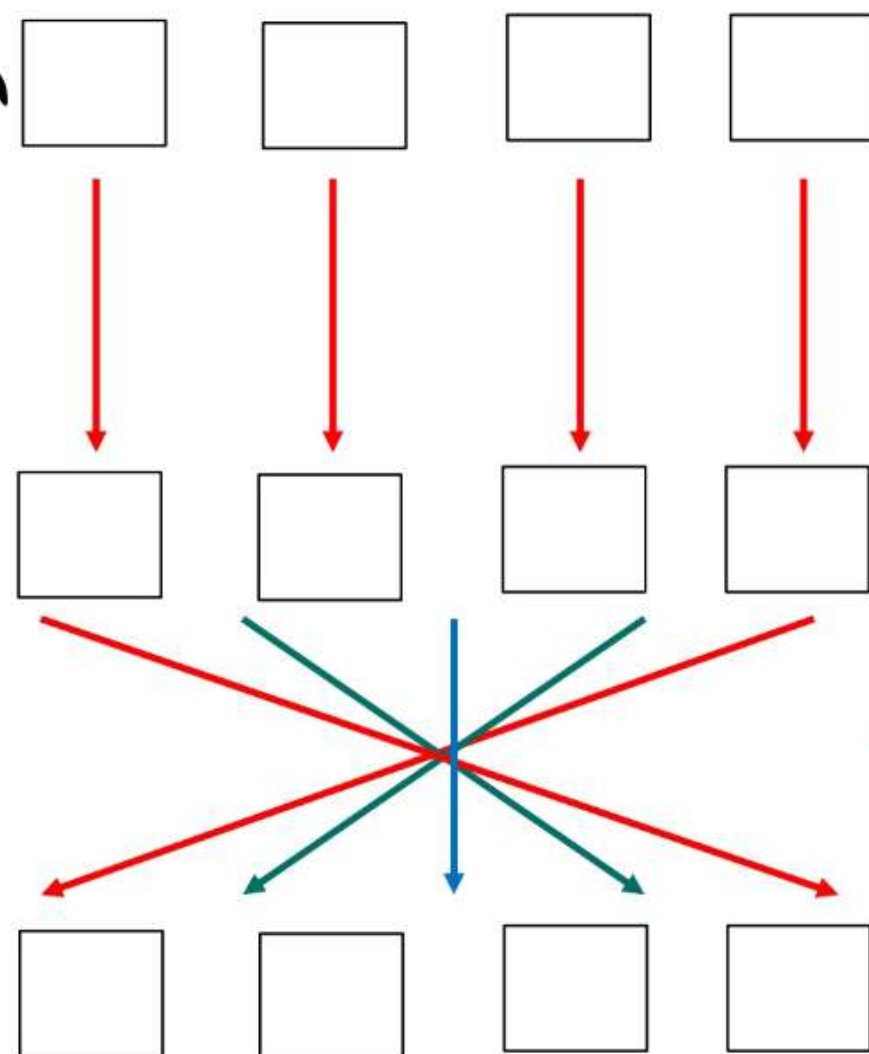
विपरीत
Opposites

Logics

विपरीत

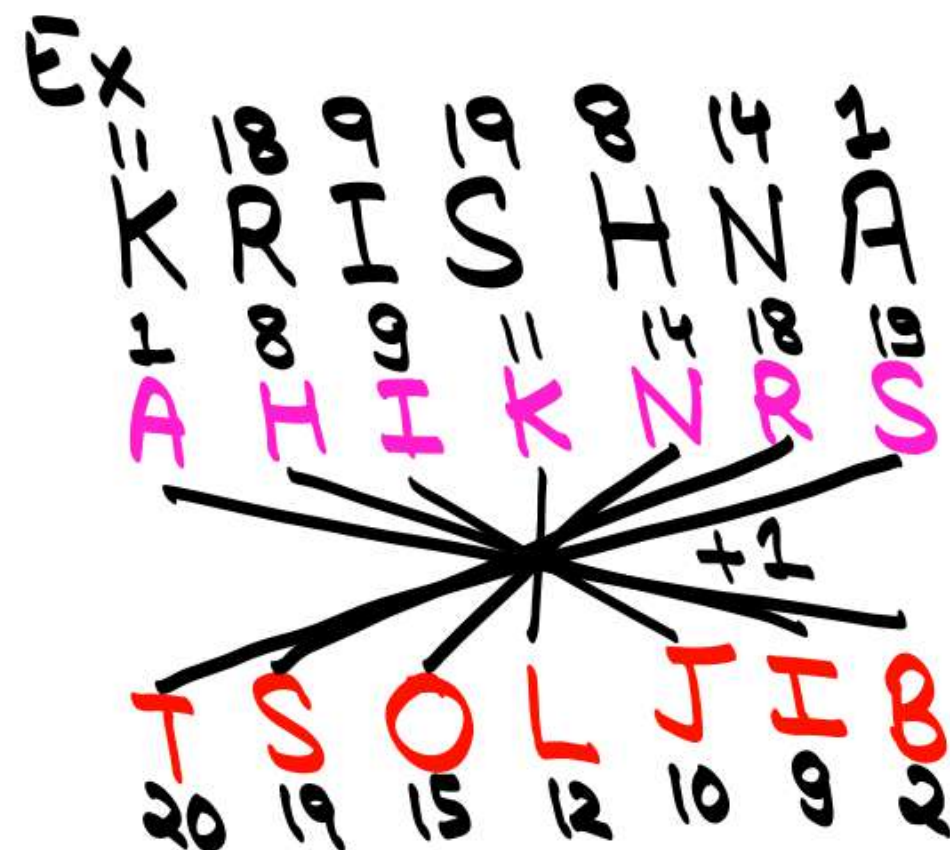


(iii)



Increasing/decreasing

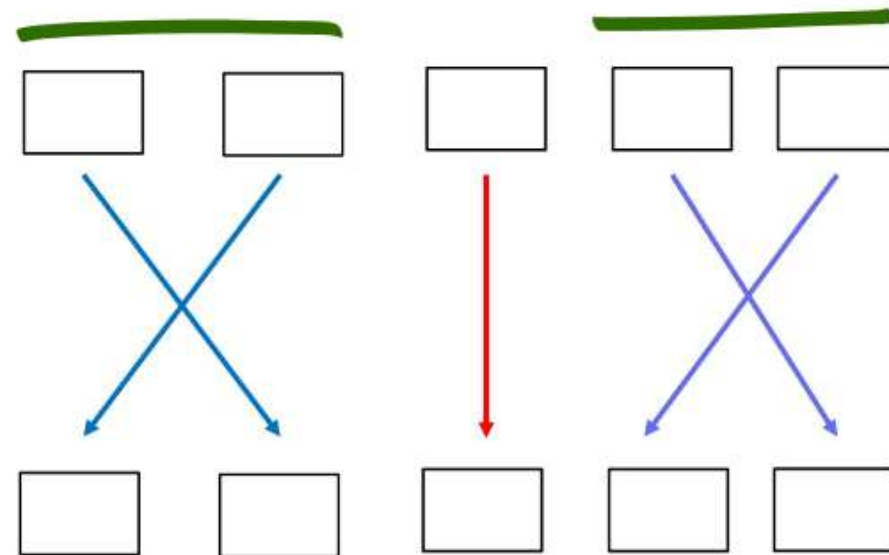
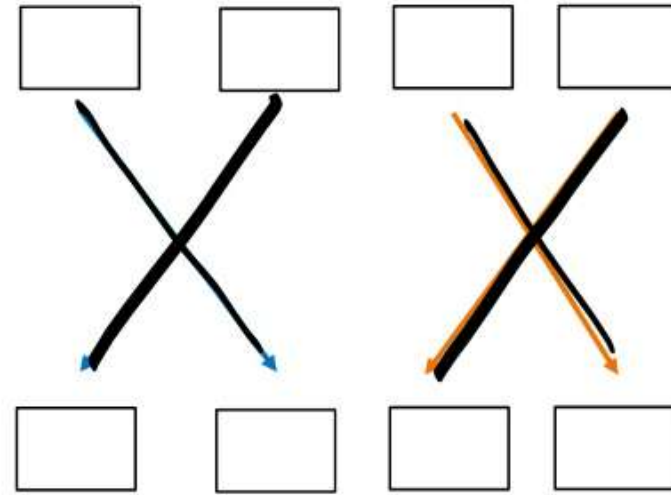
Logics



Cross Coding / क्रॉस कोडिंग

➤ 2 Cross at least

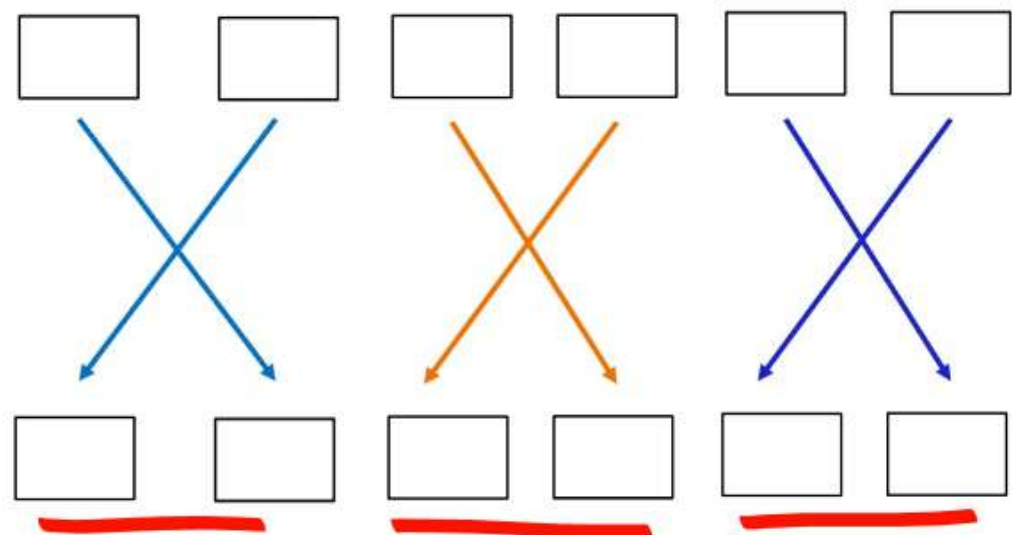
4 Letters



5 Letters

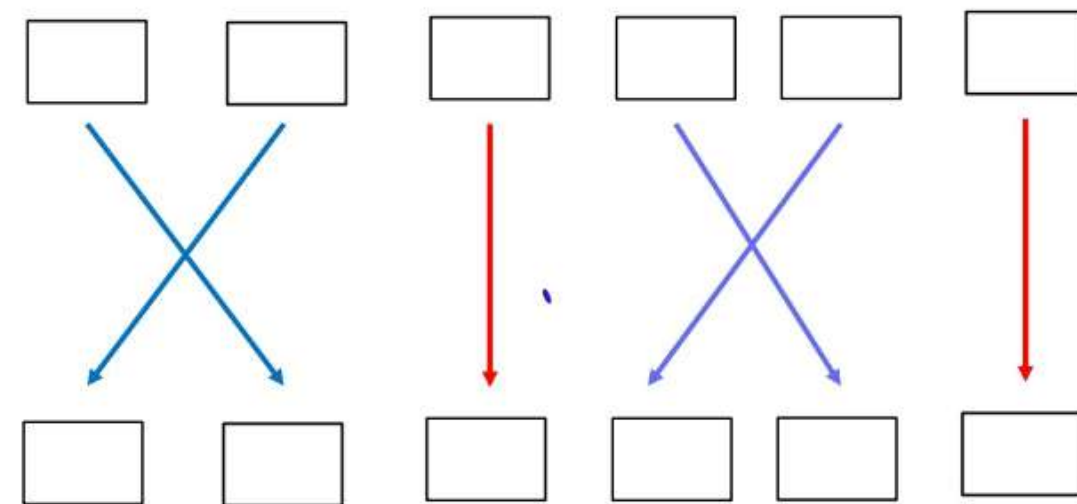
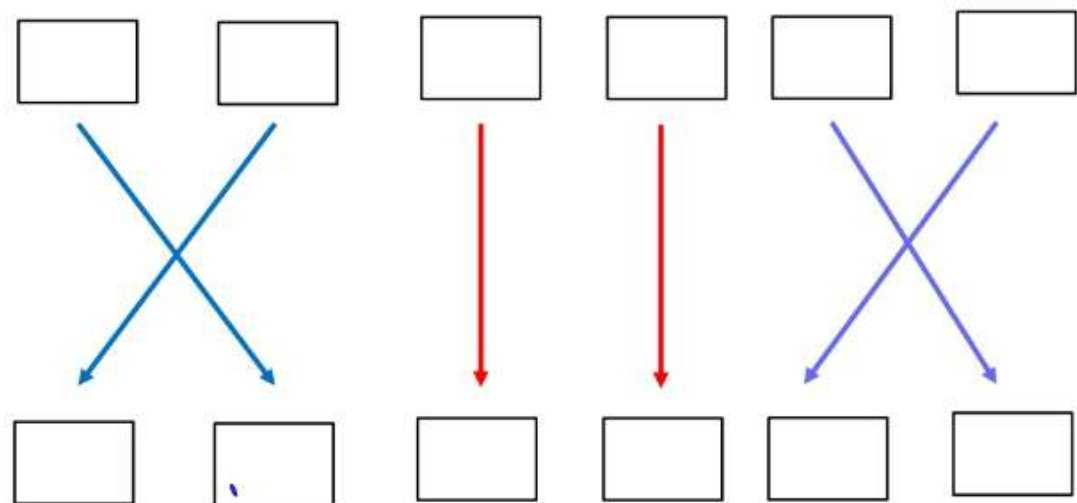
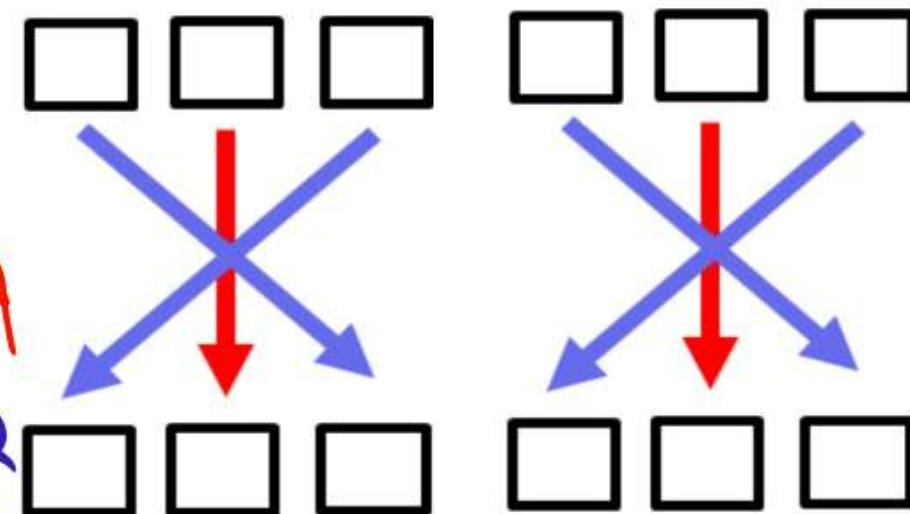
Ex. $\begin{matrix} 14 & 17 \\ Z & Q \\ +2 & +2 \\ S & P \\ 19 & 16 \\ A & K \\ +3 & +3 \\ N & O \\ 15 & 5 \end{matrix}$ $\begin{matrix} 18 & 2 \\ R & B \\ +2 & +2 \\ D & T \\ 4 & 20 \\ A & S \\ +3 & +3 \\ O & I \\ 5 & 8 \\ +3 & +3 \\ K & V \\ 11 & 22 \end{matrix}$

6 Letters

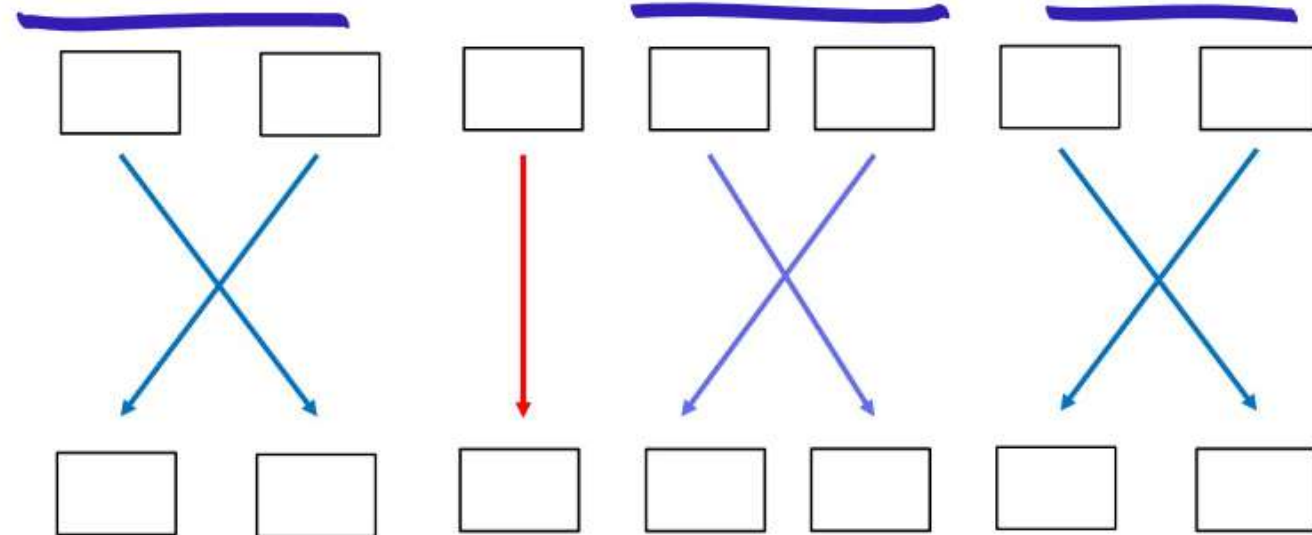
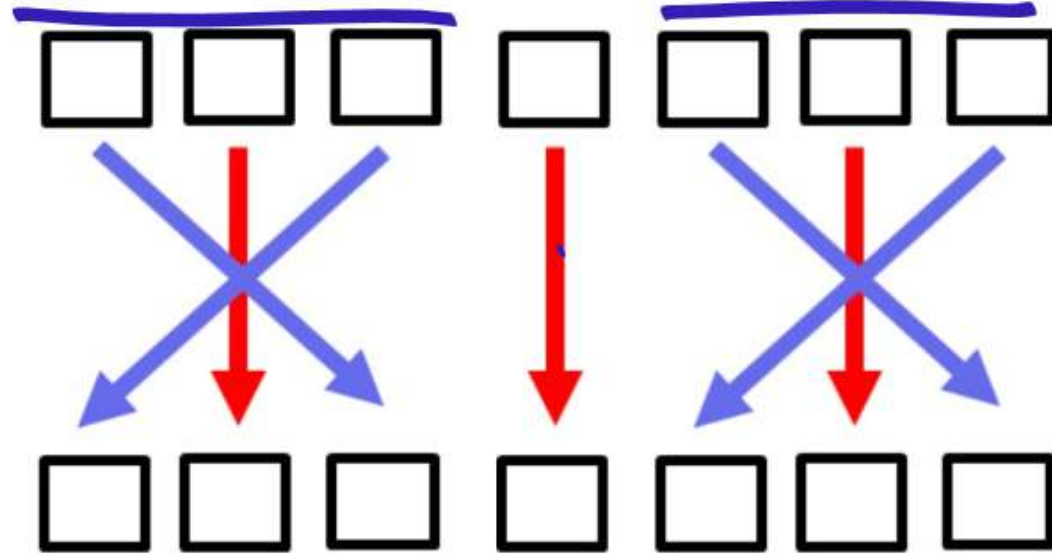


CHEST A

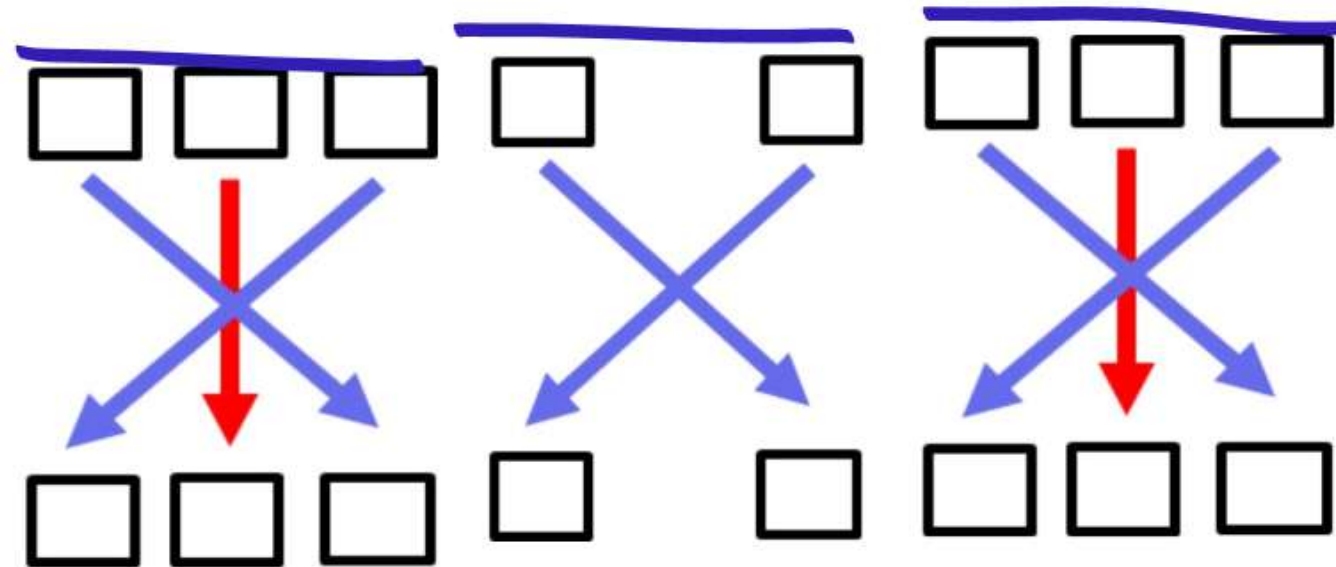
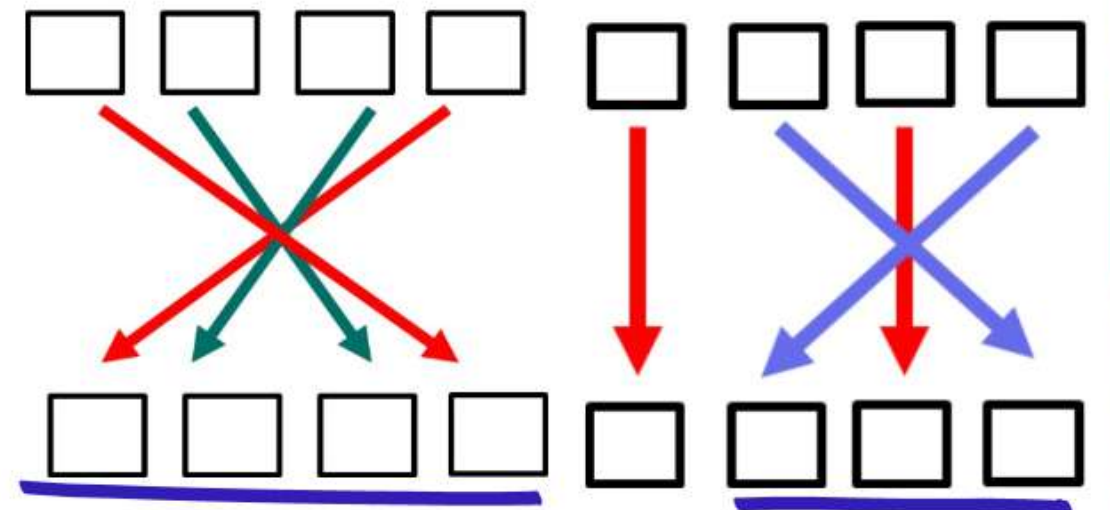
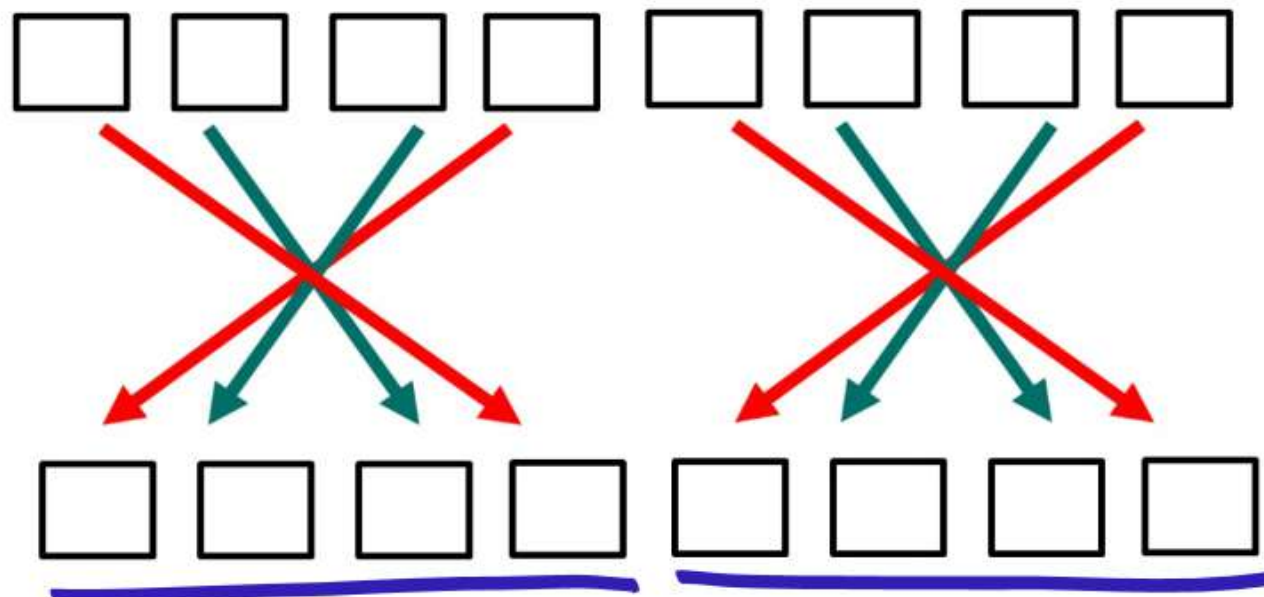
G J E C V U



7 Letters



8 Letters

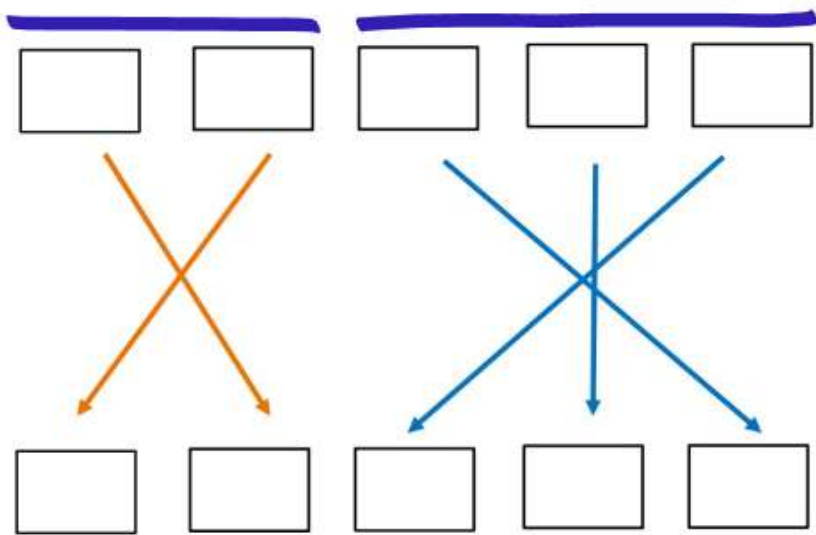


And so on

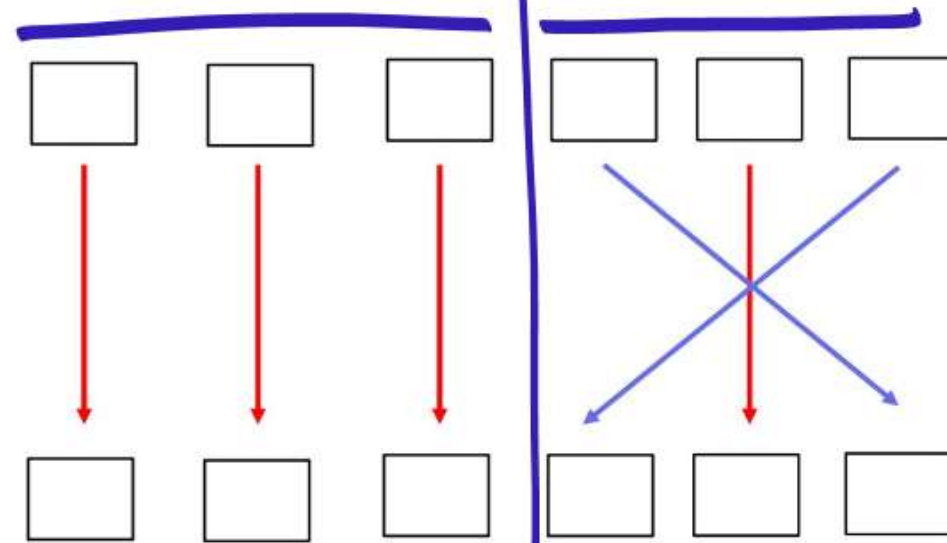
4

Section wise/ Miscellaneous(MIX) Coding

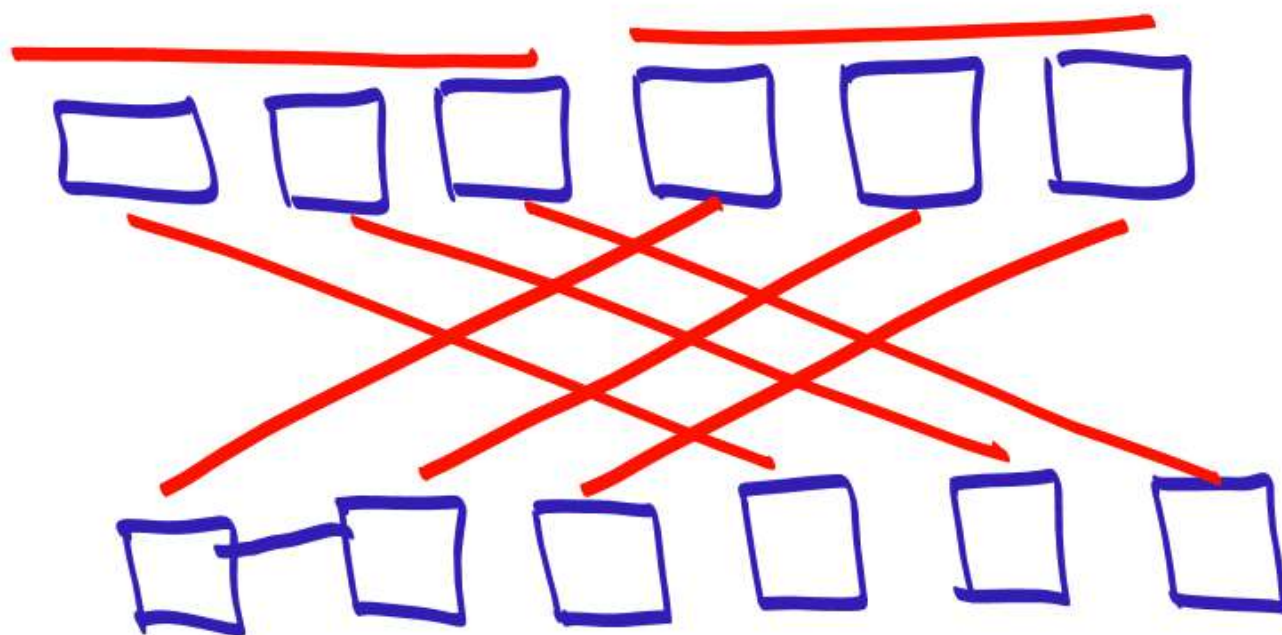
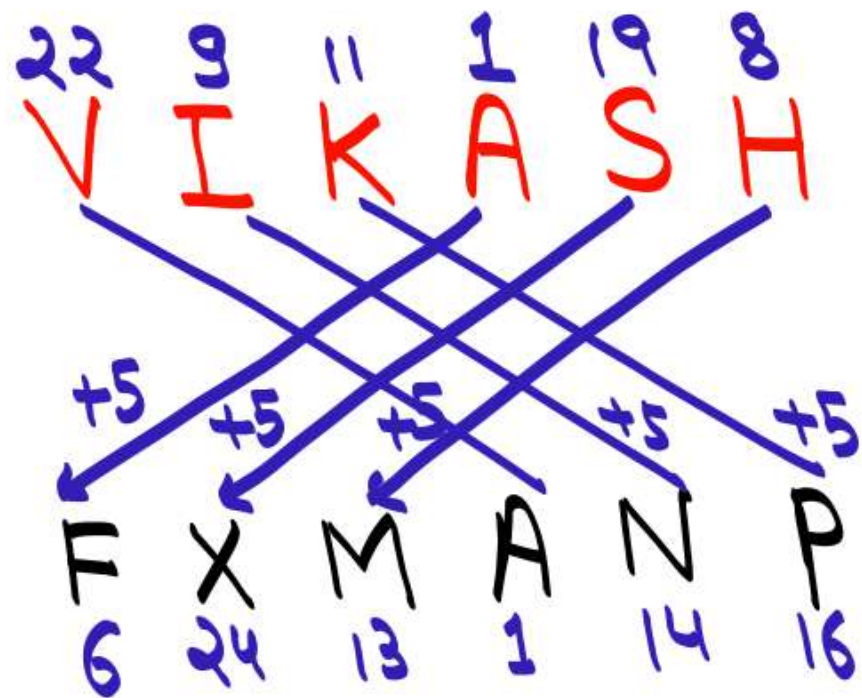
i



ii



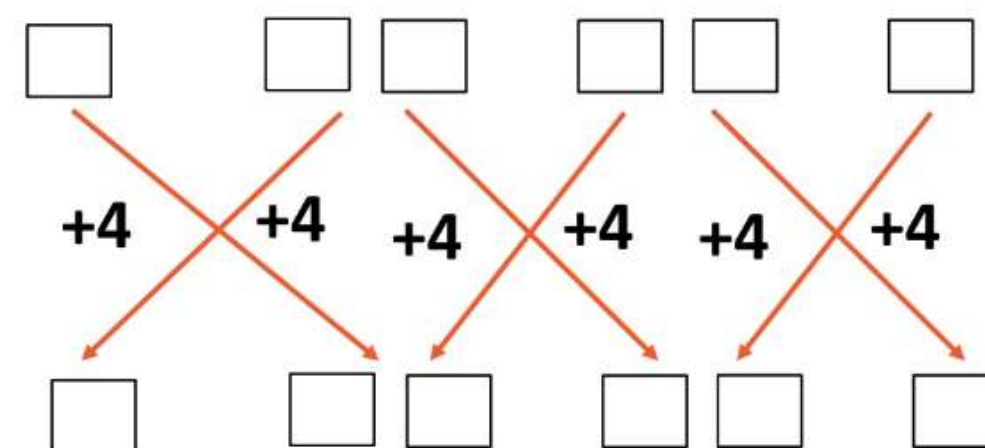
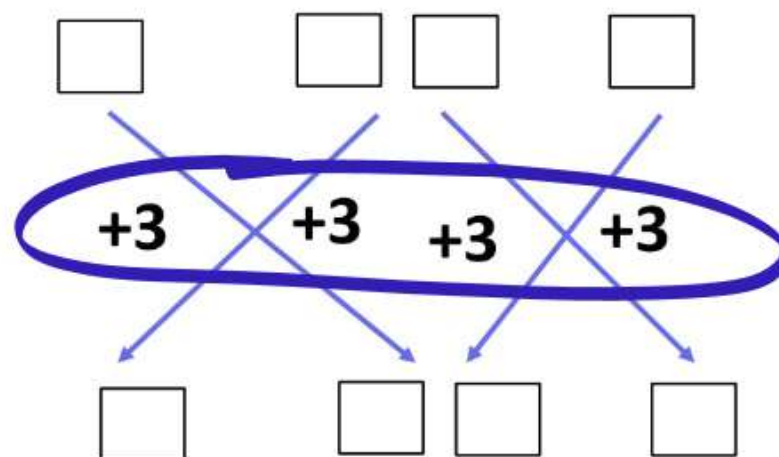
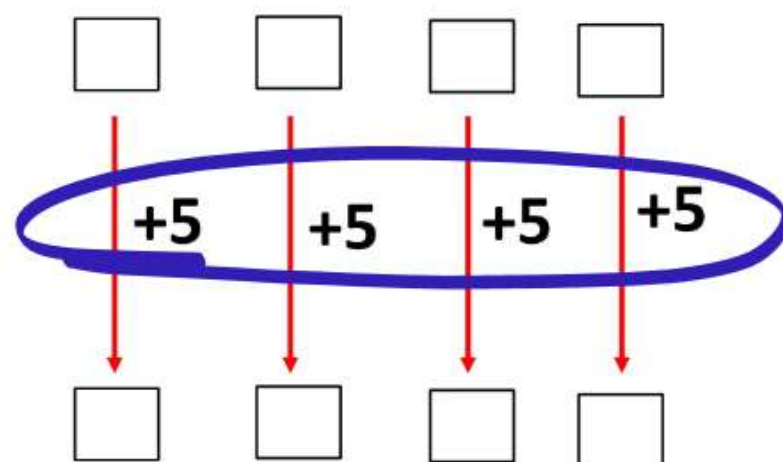
Ex.]



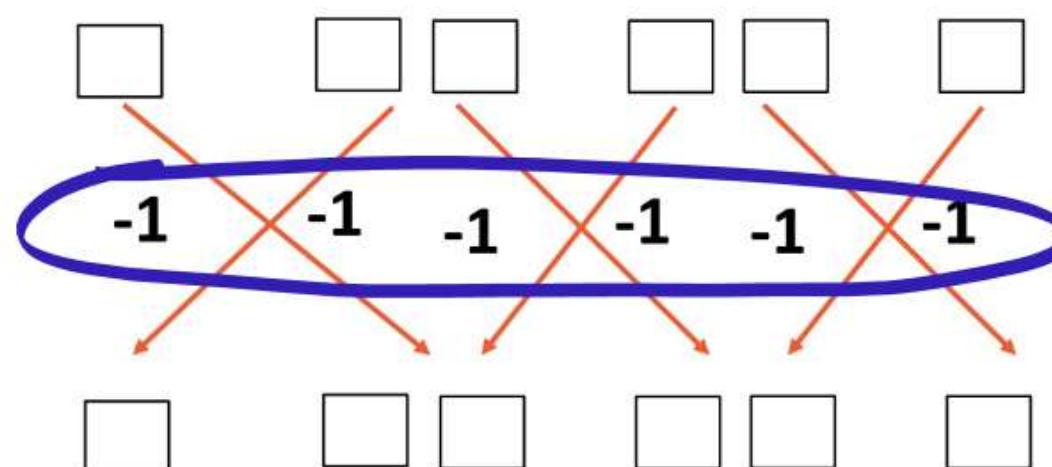
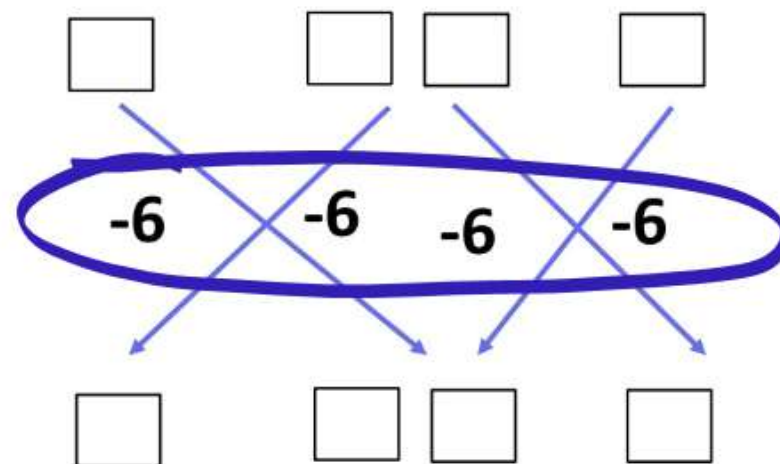
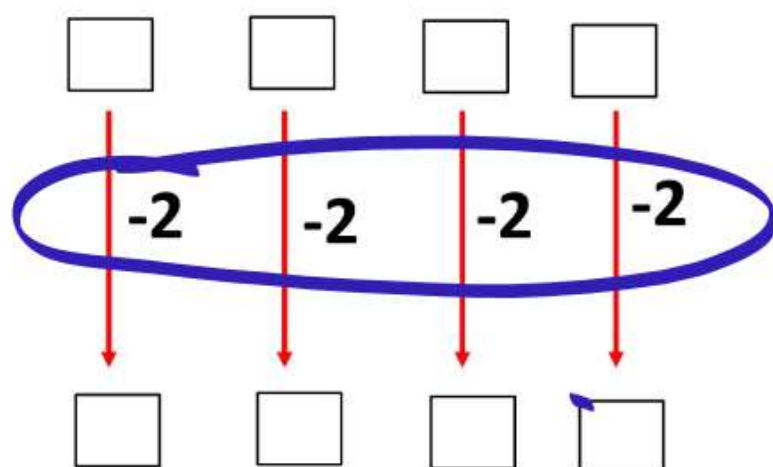
Logics of coding - decoding



Fixed Addition



Fixed Subtraction



If "LINCOLN" is written as "JGLAMJL", how will "OBAMA" be written?

यदि "LINCOLN" को "JGLAMJL" के रूप में लिखा जाता है, तो "OBAMA" कैसे लिखा जाएगा?

✓ A. MZYKY

B. NZXIZ

C. MBZIY

D. NZXIZ

SSC - CGL - PRE - 2025 (24 SEP 2025 SHIFT-3)

12	9	14	3	15	12	14
L	I	N	C	O	L	N
↓ -2	↓ -2	↓ -2	↓ -2	↓ -2	↓ -2	↓ -2
J	G	L	A	M	J	L
10	7	12	1	13	10	12

F to F
-2

15	2	1	13	1
O	B	A	M	A
↓ -2	↓ -2	↓ -2	↓ -2	↓ -2
M	Z	Y	K	Y

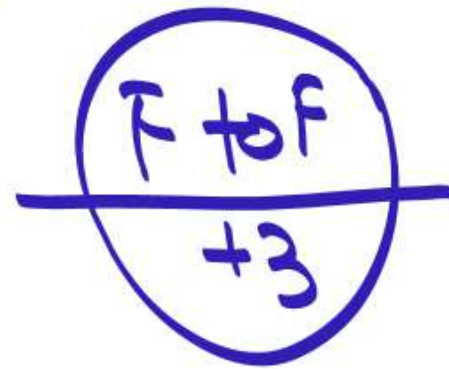
If HARMONY is coded as KDUPRQB, then what would BALANCE be?

अगर HARMONY को KDUPRQB के रूप में कोड किया जाता है, तो BALANCE को कैसे कोड किया जाएगा?

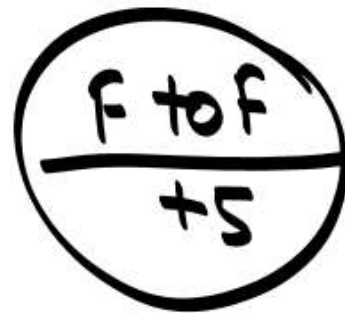
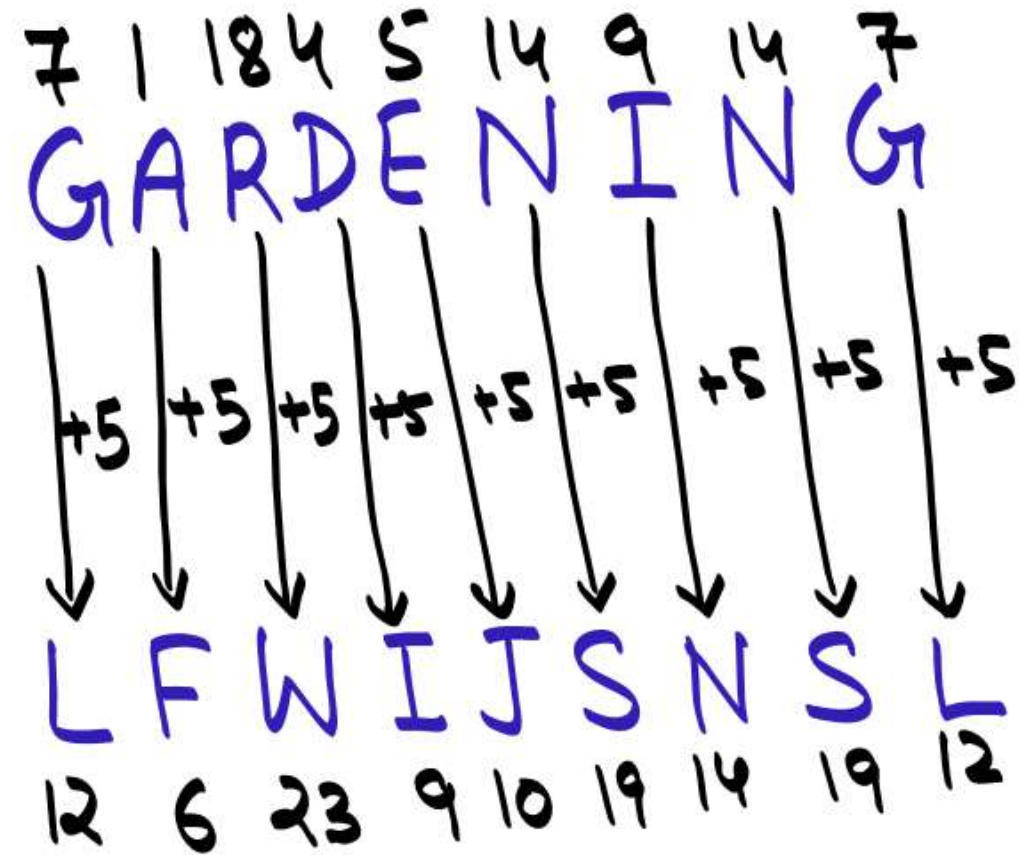
8	1	18	13	15	14	25
H	A	R	M	O	N	Y
↓ +3	↓ +3	↓ +3	↓ +3	↓ +3	↓ +3	↓ +3
K	D	U	P	R	Q	B
11	4	21	16	18	17	2

- ☒ A) EDODQFH
☐ B) EDLDQFH
☐ C) EDLDQGI
☐ D) EDFDRFH

+3 | | | | |
 E D O D Q F H



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13 Nov 2025 01:30 PM (Shift-2)



In a code language, GARDENING becomes LFWIJSNSL. How would FLOWERBED be written?

एक कोड भाषा में, GARDENING को LFWIJSNSL लिखा जाता है। FLOWERBED को कैसे लिखा जाएगा?

KQTB JWGJI

☒ A) KQTB JWGJI

B) KQTCJXGJI

C) KQTB JXGJI

D) KQTB JGWJI

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12 Nov 2025 01:30 PM (Shift-2)

→ ~~A B C D~~
~~1 2 3 4~~