

# Longest Common

2014/04/03

		B	D	C	A	B	A
		0	0	0	0	0	0
A		0	0	0	1	1	1
B		0	1	1	1	2	2
C		0	1	1	2	2	2
B		0	1	1	2	3	3
D		0	1	2	2	3	3
A		0	1	2	2	3	4
B		0	1	2	2	3	4

BCBA  
BCAB  
BDAB  
Invalid.

We know  
4 letters in

LCS.



or  
← ↑

	A
	✓
A	V+1

: match

	B
	t
D	u

: Not a match

$$m = \max(t, u)$$

B D C A B A  
A B C B D A B