Longest Common Subsequence Rules :-X: BDCABA Y: ABCBDAB (Match) 0 C (No match) 1 1 2 (length of LCS = 4) BDAB

For find the LCS, we perform "Backtracking"

- We can either traverse on left side or top side.
- Then we enter from one region (say 4) to mother region (say "3"); we need to use the bridge.
- John this example, we start with "y" and go towards left (<); when we reach another region ("3"); we print the character (letter) which was responsible for that bridge.



		ß	D_		A	B	A
	0	0	0	0]	0	0	0
A	0	0/	0	0	1	1	1
B	0	1	1,	1.	1	2_	2
C	0	1	1	2	2	2	2
B	0	1	1	2	2	3	3
D	0	1	2	2	12	3	3
A	0	11	2	2	3] 3	4
B	0	-	12	12	13	4	9