

## Output of LCS

```
def LCS-output(X, Y, L):
    solution = []
    j, k = len(X), len(Y)
    while L[j][k] > 0:
        if X[j-1] == Y[k-1]:
            solution.append(X[j-1])
            j -= 1
            k -= 1
        elif L[j-1][k] >= L[j][k-1]:
            j -= 1
        else:
            k -= 1
    return ''.join(reversed(solution))
```

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