Constructing an LCS

Print-LCS(b, x, I, j)

If I=0 or j=0

THEN RETURN

IF b[I, j] = ""

THEN Print-LCS(b, x, i-1, j-1)

PRINT x[i]

ELSE IF b[i, j] = ""

THEN Print-LCS(b, x, i-1, j)

ELSE THEN Print-LCS(b, x, i, j-1)

The procedure takes time O(m+n)