

Problem	Input	Output
M-SEQ-IC-LCS	X, Y , and a set of constrains $P = \{P_1, \dots, P_d\}$	The longest common subsequence of X and Y including each of constrain $P_i \in P$ as a subsequence
M-STR-IC-LCS	X, Y , and a set of constrains $P = \{P_1, \dots, P_d\}$	The longest common subsequence of X and Y including each of constrain $P_i \in P$ as a substring
M-SEQ-EC-LCS	X, Y , and a set of constrains $P = \{P_1, \dots, P_d\}$	The longest common subsequence of X and Y excluding each of constrain $P_i \in P$ as a subsequence
M-STR-EC-LCS	X, Y , and a set of constrains $P = \{P_1, \dots, P_d\}$	The longest common subsequence of X and Y excluding each of constrain $P_i \in P$ as a substring