

CS 5012: Foundations of Computer Science

Computing LCS Using the Table Method

	j	0	1	2	3	4	5	6	7	8	9
i			Α	L	ı	G	N	M	Е	N	Т
0		0	0	0	0	0	0	0	0	0	0
1	Α	0	1	- 1 5	- (- (=	- (<	- <	- <	< 1 <	¬ (
2	L	0) (2/	2	2 4	-26	<u>-</u> 2 <	-J (\ \{\}	7
3	G	0	- U	12	<u>^</u> 2	(3) <	-3 =	-3 E	- 3	-3	-3
4	0	0	1	↑ 2	2) ∾ (1 3	<u>13</u>	^ 3	1 3	<u>^</u> 3
5	R	0	١	<u>^</u> 2	₽	1 3	^ 3	<u>1</u> 3	^ 3	^3	N 3
6	I	0	- 4	12	3	↑ 3	4 3	1 3	^ 3	^ 3	^ 3
7	Т	0	1	<u>^</u> 2	^	↑ 3	^ 3	^ 3	^ 3	^ 3	4
8	Н	0	1	12	<u>^</u> 3	1 3	1 3	1 3	1 3	1 3	14
9	M	0	(12	^ 3	^ 3	<u>1</u> 3	4 €	4 🥊	-4	14

Output: ALGT