Data Mining; Assignemt 2

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Example 1: "kitten" $\longrightarrow$ "sitting"

Output: 3

		S	I	T	T	I	N	G
	0	1	2	3	4	5	6	7
K	1	1	2	3	4	5	6	7
I	2	2	1	2	3	4	5	6
T	3	3	2	1	2	3	4	5
T	4	4	3	2	1	2	3	4
E	5	5	4	3	2	2	3	4
N	6	6	5	4	3	3	2	3

Example 2: "GUMBO" $\longrightarrow$ "GAMBOL"

Output: 2

		G	A	M	B	O	L
	0	1	2	3	4	5	6
G	1	0	1	2	3	4	5
U	2	1	1	2	3	4	5
M	3	2	2	1	2	3	4
B	4	3	3	2	1	2	3
O	5	4	4	3	2	1	2

Yes the output result makes sense. I realized that the cell we are trying to compute is almost always the min of the three closest (computed) cells.