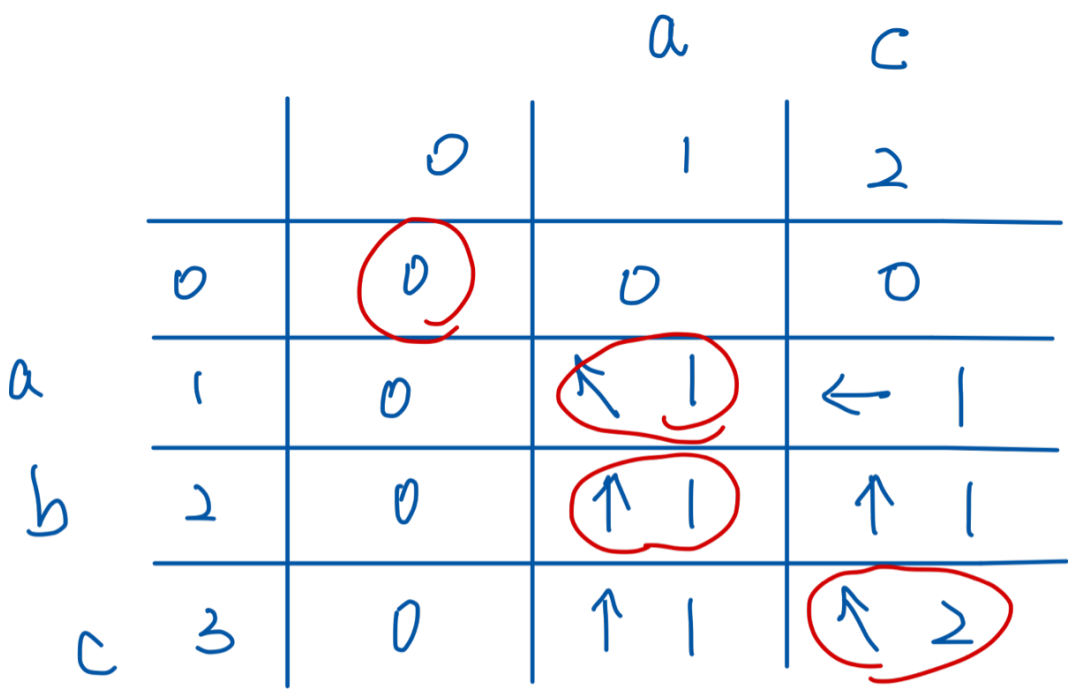
Quiz 6

Given two sequences $A = \langle a, b, c \rangle$ and $B = \langle a, c \rangle$, find the longest common sequence using the dynamic programming algorithm we defined in class.

Show your work by drawing the table, listing the traceback steps and indicating the longest common subsequence found by the algorithm. To avoid file uploading, please **type** the values for each row, the list of cells in the traceback, and the longest common subsequence. (Remember that the traceback starts from the bottom right corner.) For example:

```
Row 0: ...
Row 1: ...
Row 2: ...
etc.
Traceback: (2, 3), (2, 2), ...
LCS: <b, d, c>
```

Answer:



Traceback steps: (3, 2), (2, 1), (1, 1), (0,)

LCS: $\langle a, c \rangle$