## Quiz 7. Edit distance again

1. Fill in the values in the edit distance dynamic programming computation table (initialized with basic recursion values) for $\mathrm{S} 1=c c a t$ and $\mathrm{S} 2=a c c t$

|  |  | a | c | c | t |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  | 0 | 1 | 2 | 3 | 4 |
| c | 1 |  |  |  |  |
| c | 2 |  |  |  |  |
| a | 3 |  |  |  |  |
| t | 4 |  |  |  |  |

2. Find a path which cost corresponds to the value computed and show an optimal alignment according to this path

|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |

