Activity 1. Create a table with the times you get for the different sizes of the problem using LevenshteinDistanceTest.java. What is the complexity of the algorithm? Do the empirical results make sense?

|  |  |
| --- | --- |
| *Size of the problem* | *Time to solve* |
| 100 | 5 |
| 200 | 10 |
| 400 | 15 |
| 800 | 10 |
| 1600 | 9 |
| 3200 | 27 |
| 6400 | 107 |
| 12800 | 366 |

The complexity of the algorithm is O(length(str1)\*length(str2)), but if both strings have the same length (like for these cases), the complexity is quadratic O(n^2).

Activity 2. [TITLE OF THE ACTIVITY]

[ANSWER].

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