Application of algorithms

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Longest [common](#Longest_common_subsequence) subsequence

1. Count difference and similarities b/w two or more data objects. Ex- changes made in files.
2. Diff utility program: data compression
3. [bioinformatics](https://en.wikipedia.org/wiki/Bioinformatics).
4. [computational linguistics](https://en.wikipedia.org/wiki/Computational_linguistics)
5. [revision control systems](https://en.wikipedia.org/wiki/Revision_control)
6. [reconciling](https://en.wikipedia.org/wiki/Merge_(revision_control))
7. Minimum number of operation required to transform one string to another.
8. The [edit distance](https://en.wikipedia.org/wiki/Edit_distance) when only insertion and deletion is allowed (no substitution), or when the cost of the substitution is the double of the cost of an insertion or deletion, is:
9. [shortest common supersequence](https://en.wikipedia.org/wiki/Shortest_common_supersequence_problem)