**Longest common subsequence.**

Write a Java/Python program for performing the following tasks.

1. Read a text file with Urdu content.
2. Compute lengths of LCS for sentences of the file as shown below.
3. Display the results on the console.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Sentence 1 | Sentence 2 | ...Sentence N |
| Sentence 1 | LCS(Sen1,Sen1) | LCS(Sen1,Sen2) | LCS(Sen1,SenN) |
| Sentence 2 | LCS(Sen2,Sen1) | LCS(Sen2,Sen1) | LCS(Sen2,SenN) |
| Sentence N | LCS(SenN,Sen1) | LCS(SenN,Sen2) | LCS(SenN,SenN) |