Java → Implementation of basic algorithms → Edit distance in Java

Java → Efficient memory consumption

📊 Hard   🕐 6 minutes   ❓

Code Challenge — Write a program

It was mentioned that the algorithm for calculation of edit distance can be implemented more efficiently in term of memory consumptions. Write a program that for two strings s and t calculates $d_E(s, t)$ using $O(min(|s|, |t|))$ memory.

Sample Input 1:

```
editing
distance
```

Sample Output 1:

```
5
```

Sample Input 2:

```
yellow
hello
```

Sample Output 2:

```
2
```

Code Editor   IDE

📦 Solve in IDE

✓ **IDE is opened**   If you don't see your IDE opened, switch to it manually

💡 Code snippets from theory   Postpone problem

Time limit: 3 seconds   Memory limit: 32 MB

Code snippets from theory

Comments (1)   Hints (0)   Useful links (0)   Solutions (0)

SK   Share something, Sergey Kubatko

[Post]   Please do not post solutions here

DG   **Dmitrii Gushcha** 5 months ago Report

That is an interesting one

♡ 0   Reply