

Word Wrap

Batas Waktu: 0.1 detik ; Batas Memori: 8 MB

Deskripsi

Diketahui beberapa paragraf (sekumpulan karakter yang diakhiri dengan *newline*) dari suatu dokumen. Diinginkan untuk menampilkan seluruh kalimat tersebut dengan lebar tertentu.

Format Masukan

[L, $1 \leq L \leq 100$, lebar baris tampilan kalimat].

[Sebanyak n paragraf, $1 \leq n \leq 10$. Setiap paragraf memiliki panjang maksimum sebanyak 5000 karakter].

Format Keluaran

Beberapa baris kalimat dengan lebar L tanpa memotong kata. Setiap baris hanya diakhiri dengan *newline*.

Contoh Masukan

30

Given a sequence of words, and a limit on the number of characters that can be put in one line (line width). Put line breaks in the given sequence such that the lines are printed neatly.

Assume that the length of each word is smaller than the line width. The word processors like MS Word do task of placing line breaks. The idea is to have balanced lines. In other words, not have few lines with lots of extra spaces and some lines with small amount of extra spaces.

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