

SPOJ Problem Set (main)

4449. KHaalttaj ilerkhijlel

Problem code: CSMS0104

KHaaltaas togtokh $2N$ urttaj b?kh z?v ilerkhijll??dijg avč ?z'e. Tedgeerijg tsagaan tolgojn daraallaar erembelž 1-ees ekhlen dugaarlav. TSagaan tolgojd neekh khaalt n' khaakh khaaltaasaa ?mn? bajrlana. K-r ilerkhijllijg ol.

Input

Ekhnij m?r?nd N too bajrlana ($1 \leq N \leq 100$). KHOër dakh' m?r?nd K too bajrlana ($1 \leq K \leq 10^{1000} + 255$).

Output

K-r ilerkhijllijg zajg?jgeer khevlene. $2N$ urttaj ilerkhijllijn too K-gaas бага бол "No solution." gež khevlene.

Example

Input : 21 Output : (())

Added by: Khuder
Date: 2009-05-31
Time limit: 2s
Source limit: 50000B
Languages: All