

SPOJ Problem Set (main)

2754. Angaragijn togloom

Problem code: CSMS0043

8211 ond sudlaačid Angaragijn khuučín khotyn derged mǎtlaga khijgeed neg togloomyn tukhaj bičig olž ilr??lžee. Ug togloomyn d?rem n' čuluun deer N širkheg too sijleed daraakh n?khtsljg khangakh K toog olokh âvdal yum. (ijm K too olon bajval khamgijn бага utgatajg n' olno) N?khts?l: ?g?gds?n N širkheg toon dotroos K zerg??dijnkh n' nijlberijg K-d khuvaasny ?ldegdel n' khamgijn ikh bajkhaar K ($1 \leq K \leq N$) širkheg too songon avč boldog bajkh.

Input

Ekhnij m?r?nd N ($2 \leq N \leq 50$) too oršino. Daraagijn m?r?nd 10^9 - ees ?l khetrekh, s?r?g biš N širkheg too bajna.

Output

K toog khevlež gargana.

Example

Input :

```
3
1 1 1
```

Output :

```
1
```

Input :

```
3
2 1 0
```

Output :

```
2
```

Input :

```
5
6 2 3 4 1
```

Output :

```
3
```

Tajlbar

S??lijn žišeenij khuv'd 3 4 1 gesen 3 toog songon avč bolno.

Added by: Khuder
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Time limit: 1s
Source limit:50000B
Languages: All
Resource: ?