

SPOJ Problem Set (main)

4373. Serial

Problem code: CSMS0098

Programm khangamž ?jldverlegč DND kompani b?teegdekh??nijkhee negen šine khuvilbaryg khudaldaand gargažee. Ingeed khudaldan avsan khereglegč b?rd ??r ??r t?lkh??r ?g ?gd?g bajna. Ikh khemžeegeer khudaldagdaž bajsan tul t?lkh??r ?gee zokhiokhdoo XXXXX- XXXXX- XXXXX- XXXXX- XXXXX khelbereer 0..9 tsifr??d ba A...Z latin tsagaan tolgojn tom ?sg??dees duryn 25 temdegtijg songon avaad /temdegt davkhardaž bolno/ khuvilbar b?rtee neg buyuu khed kheden temdegtijn bajrlalyg solikh zamaar songožee. Z?vkh?n t?lkh??r avsan khereglegč l programyg suulgakh erkhtej bajlgakh zorilgoor suulgakh b?rt t?lkh??rijg b?rtgen avdag ba m?n dakhin suulgakhad n' šine t?lkh??r olgodog bajv. Getel programyg khuulbarlan olšruulakh âvdal garč khuuramč t?lkh??r??d olnoor b?rtgegedekh bolž khudaldan avsan kh?m??st dakhin t?lkh??r ?g olgokhod kh?ndrel učrakh bolov. Daalgavar. B?rtgeegdsen t?lkh??r ?g??dees žinkhene t?lkh??r ?gijg olokhod tuslana uu.

Input

Oroltyn ekhnij m?r?nd žinkhene t?lkh??r ?gijg ilerkhijlekh neg temdegt m?r bajrlana. Daraagijn m?r?nd b?rtgeegdsen t?lkh??r ?g??dijn toog ilerkhijlekh N too ($1 \leq N \leq 100000$), t??nij daraagijn N širkheg m?r?nd t?lkh??rijg ilerkhijlsen temdegt m?r??d bajrlana.

Output

Žinkhene t?lkh??r??dijg ilerkhijlekh temdegt m?r??dijg oroltyn fajld bajrlakh daraallaar n' neg neg m?r?nd bajrluulsan bajna. KHervee žinkhene t?lkh??r ?g bajkhg?j bol 0 gesen toog bičikh

Example

Input :

```
WRM2A-MKSNN-WQSIW-FFSAW-MDH3J
5
CLUAY-UE5GE-CQJAY-TO6KL-BXTFT
BUMBV-ODQYS-WVF7Q-BEHMU-RTVKR
WRM2A-MKSNN-WQSIW-FFSAW-MDH3J
QIKKJ-YFSXF-TQDXM-ASGAJ-NESKH
WRM2N-MKSNA-WQSIW-FFSAW-MDH3J
```

Output :

```
WRM2A-MKSNN-WQSIW-FFSAW-MDH3J
WRM2N-MKSNA-WQSIW-FFSAW-MDH3J
```

Added by: Khuder
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Time limit: 2s
Source limit:50000B
Languages: All