

No Justice

Input file: standard input
Output file: standard output
Time limit: 1 second
Memory limit: 4 megabytes

Mazen went out on an adventure with 3 Newcomers, let us call them A, B, and C, and when they arrived at the destination and set up the tent, *Mazen* began distributing tasks to them, but *Mazen* did not know how many tasks each person did.

One day, *Mazen* found a paper with the words “No Justice“ written on it, and he found their names on it for each one who had done a task for all N number of tasks since their arrival, but *Mazen* did not mean that, so he wanted to know who had done the most number of tasks to give him a rest.

Input

The first line contains N $-(1 \leq N \leq 10^7)$ – number of tasks.

The second line contains the string s , which consists of 'A', 'B' and 'C'.

It's guaranteed that no two have the same number of tasks.

Output

Output one of these characters: 'A', 'B', and 'C'. represents who did the maximum number of tasks.

Example

standard input	standard output
6 ABCABA	A