

## A. Anton and Danik

time limit per test: 1 second  
 memory limit per test: 256 megabytes  
 input: standard input  
 output: standard output

Anton likes to play chess, and so does his friend Danik.

Once they have played  $n$  games in a row. For each game it's known who was the winner — Anton or Danik. None of the games ended with a tie.

Now Anton wonders, who won more games, he or Danik? Help him determine this.

### Input

The first line of the input contains a single integer  $n$  ( $1 \leq n \leq 100\,000$ ) — the number of games played.

The second line contains a string  $s$ , consisting of  $n$  uppercase English letters 'A' and 'D' — the outcome of each of the games. The  $i$ -th character of the string is equal to 'A' if the Anton won the  $i$ -th game and 'D' if Danik won the  $i$ -th game.

### Output

If Anton won more games than Danik, print "Anton" (without quotes) in the only line of the output.

If Danik won more games than Anton, print "Danik" (without quotes) in the only line of the output.

If Anton and Danik won the same number of games, print "Friendship" (without quotes).

### Examples

|               |                      |
|---------------|----------------------|
| <b>input</b>  | <a href="#">Copy</a> |
| 6<br>ADAAAA   |                      |
| <b>output</b> | <a href="#">Copy</a> |
| Anton         |                      |
| <b>input</b>  | <a href="#">Copy</a> |
| 7<br>DDDAADA  |                      |
| <b>output</b> | <a href="#">Copy</a> |
| Danik         |                      |
| <b>input</b>  | <a href="#">Copy</a> |
| 6<br>DADADA   |                      |
| <b>output</b> | <a href="#">Copy</a> |
| Friendship    |                      |

### Note

In the first sample, Anton won 6 games, while Danik — only 1. Hence, the answer is "Anton".

### Codeforces Round #379 (Div. 2)

Finished

Practice



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Language: Java 1.8.0\_241

Choose file: [Choose File](#) No file chosen

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

[Submit](#)

### → Last submissions

| Submission                | Time              | Verdict  |
|---------------------------|-------------------|----------|
| <a href="#">132631252</a> | Oct/21/2021 18:25 | Accepted |

### → Problem tags

[implementation](#) [strings](#) \*800  
 No tag edit access

### → Contest materials

In the second sample, Anton won 3 games and Danik won 4 games, so the answer is "Danik".

• Tutorial (en)

In the third sample, both Anton and Danik won 3 games and the answer is "Friendship".

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Server time: Oct/21/2021 11:26:57<sup>UTC-4</sup> (i2).

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