PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS ROOM STANDINGS CUSTOM INVOCATION

## 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 ( $1 \le n \le 100\,000$ ) — the number of games played.

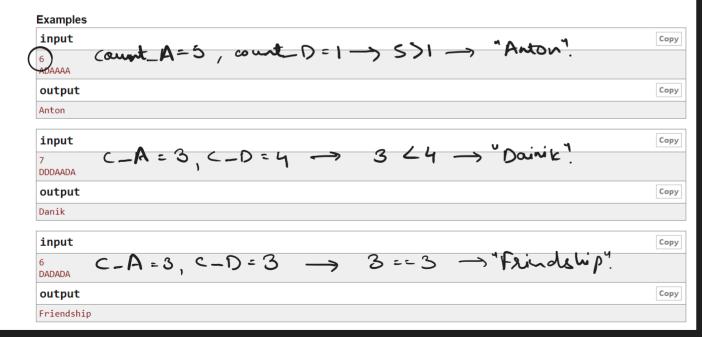
The second line contains a string s, consisting of n uppercase English letters 'A' and 'D' — the outcome of each of the games. The i-th character of the string is equal to 'A' if the Anton won the i-th game and 'D' if Danik won the i-th game.

## 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).



1. Traverse the string. 2. if & [i] == 'A' then count\_A++; else count\_D++; 3. if court -A == court -D -> ret un "Friendship". clse if court\_A > court\_D -> return "Anton" else - return "Dainik".

Mote: count\_D can also be represented as N-count\_A.