

Problem C: Scrambled COVID

Description

You have also picked up another scrambled message that you believe contains the code for a COVID-like pandemic. You will have to study the message and make an intelligent guess of the pattern that will help you identify the year. Not less than two digits are used as code for a year.

Input

The only line of the input contains the message you received (not exceeding 1000 characters).

Output

Display the year that you believe the pandemic comes from. All years are between 2100 and 2199 inclusively.

NB: *Kindly note that your solution will be run at least five times. Each time, it will be tested against a different set of input. The first few test cases are given below to help you check your solution. The remaining tests can be seen from the contest page for this problem or the results page after you submit your solution.*

Test 1

Input	Output
AHGKAD62	2162

Test 2

Input	Output
VOCID:178-ALL	2178

Test 3

Input	Output
KAGHTKLAAKHHTKAHTLHDGHL2143AHDG	2143